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1911/12

BULLETIN OF
PACIFIC UNIVERSITY
FOREST GROVE, OREGON

Vol. VIII

MARCH 15, 1912

No. 2

REGISTER



MARCH, 1912

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REGISTER
OF
TUALATIN ACADEMY
AND
PACIFIC UNIVERSITY

1911—1912

WITH ANNOUNCEMENTS FOR

1912—1913

FOREST GROVE, OREGON

SCHOOL-YEAR CALENDAR

1912

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
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22	23	24	25	26	27	28
29	30	--	--	--	--	--

OCTOBER

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1913

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JUNE

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CALENDAR

1912

- | | | | |
|-------|----|-----------|---------------------------------|
| Sept. | 18 | Wednesday | First Semester begins 10 A. M. |
| Sept. | 20 | Friday | College Reception. |
| Oct. | 5 | Saturday | Alumni-Varsity Football Game. |
| Oct. | 16 | Wednesday | Rally Day. |
| Nov. | 1 | Friday | Campus Afternoon. |
| Nov. | 28 | Thursday | { |
| Nov. | 29 | Friday | Thanksgiving Recess. |
| Dec. | 20 | Friday | Christmas Recess begins 4 P. M. |

1913

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|-------|----|-----------|--|
| Jan. | 7 | Tuesday | Work resumed after Christmas Recess
8:05 A. M. |
| Jan. | 15 | Wednesday | Charter Day. |
| Jan. | 31 | Friday | First Semester ends. |
| Feb. | 5 | Wednesday | Second Semester begins 10 A. M. |
| Feb. | 7 | Friday | College Reception. |
| Feb. | 22 | Saturday | Washington's Birthday; Freshman Exercises. |
| Feb. | 23 | Sunday | International Day of Prayer for Colleges. |
| April | 4 | Friday | Spring Recess begins 4 P. M. |
| April | 15 | Tuesday | Work resumed after Spring Recess
8:05 A. M. |
| April | 21 | Monday | Field Day. |
| May | 30 | Friday | Memorial Day. |
| June | 13 | Friday | Conservatory Concert 8 P. M. |
| June | 14 | Saturday | Anniversary of the Conservatory of Music 8 P. M. |
| June | 15 | Sunday | Baccalaureate Sermon 11 A. M.
Address before the Christian Associations 8 P. M. |
| June | 16 | Monday | Senior Class Day Exercises 2 P. M.
Commencement Play 3 P. M. |
| June | 17 | Tuesday | Closing Exercises of Tualatin Academy
10 A. M.
Receptions by different Literary Societies 3—5 P. M.
Anniversary of the Associate Alumni 8 P. M. |
| June | 18 | Wednesday | Commencement Exercises 10 A. M.
Corporation Dinner 1 P. M.
Commencement Concert 8 P. M. |
| Sept. | 17 | Wednesday | First Semester begins 10 A. M. |

TRUSTEES

PRES. WILLIAM N. FERRIN, ex-officio,	Forest Grove.
	Term expires.
STEPHEN A. LOWELL, Pendleton-----	1912
JOHN E. BAILEY, Forest Grove-----	1912
FRANK M. WARREN, Portland-----	1913
ABBOT L. MILLS, Portland-----	1913
JOHN Q. A. BOWLBY, Astoria-----	1914
REV. PHILIP E. BAUER, Salem-----	1914
MILTON W. SMITH, Portland-----	1914
NEWTON MCCOY, Portland-----	1914
HON. CHAS. E. WOLVERTON, Portland-----	1915
NAPOLEON DAVIS, Aurora-----	1915
GEORGE H. MARSH, Portland-----	1915
BELA S. HUNTINGTON, Portland-----	1916
REV. J. R. WILSON, D. D., Portland-----	1916
EUGENE P. MCCORNACK, Salem-----	1916
EDWARD W. HAINES, Forest Grove-----	1917
WILLIAM T. FLETCHER, Portland-----	1917

OFFICERS OF THE BOARD.

B. S. HUNTINGTON-----	President
GEORGE H. MARSH-----	Vice-President
NAPOLEON DAVIS-----	Secretary
NEWTON MCCOY-----	Assistant Secretary
FRANK M. WARREN-----	Treasurer
D. A. HESSEMER-----	Assistant Treasurer

FINANCE COMMITTEE.

FRANK M. WARREN,
B. S. HUNTINGTON,
NAPOLEON DAVIS,
PRES. W. N. FERRIN,
NEWTON MCCOY.

COMMITTEE ON TEACHERS.

PRESIDENT FERRIN,
DR. J. R. WILSON,
GEORGE H. MARSH

FACULTY AND OFFICERS

WILLIAM NELSON FERRIN,

A. B., University of Vermont, 1875; A. M. 1878; LL. D.,
University of Vermont, 1902.

President and Vermont Professor of Mathematics.

JOSEPH WALKER MARSH,

A. B., University of Vermont, 1857; A. M., 1860. A. M.,
Bishop's College, Canada. Ph. D. ^{**} and P. U., 1883.

Professor of Latin.

STATE,
^{**}

., 1880. B. D., Oberlin Theological
Seminary, 1881.

*Principal of the Academy and Acting Professor of Mental and
Moral Science.*

MARY FRANCES FARNHAM,

Graduate of Mt. Holyoke and Student at Radcliffe.

*Dean of Women and Professor of English Language and
Literature.*

ALEXIS BEN KORI,

Student, Patriarchal College Ain Traz, Beirut, and Greek
Pontifical College, Rome, A. M., Texas
Christian University, 1903.

Professor of Modern Languages.

FRANK COLLINS TAYLOR,

A. B., University of Nebraska, 1890.

Professor of Greek and Latin.

*Professors, except the President, are named in the order of
their appointment.

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JOHN Q. A. BOWLBY, Astoria	1914
REV. PHILIP E. BAUER, Salem	1914
MILTON W. SMITH, Portland	1914
NEWTON MCCOY, Portland	1914
HON. CHAS. E. WOLVERTON, Portland	1915
NAPOLEON DAVIS, Aurora	1915
GEORGE H. MARSH, Portland	1915
BELA S. HUNTINGTON, Portland	1916
REV. J. R. WILSON, D. D., Portland	1916
EUGENE P. MCCORNACK, Salem	1916
EDWARD W. HAINES, Forest Grove	1917
WILLIAM T. FLETCHER, Portland	1917
REV. LUTHER R. DYOTT, D. D., Portland	1914
GEORGE H. MARSH	Vice-President
NAPOLEON DAVIS	Secretary
NEWTON MCCOY	Assistant Secretary
FRANK M. WARREN	Treasurer
D. A. HESSEMER	Assistant Treasurer

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Professor Emeritus of Greek and Latin.

REV. HENRY LIBERTY BATES,

A. B., Oberlin, 1876; A. M., 1880. B. D., Oberlin Theological
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*Principal of the Academy and Acting Professor of Mental and
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Professor of Modern Languages.

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A. B., University of Nebraska, 1890.

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their appointment.

ARTHUR MALCOLM BEAN,

A. B., Iowa College, 1897; A. M., Cornell University, 1903.

Professor of Biology.

LESTER BURRELL SHIPPEE,

A. B., Brown University, 1903; A. M., 1904.

Professor of History and Political Science.

WILLIAM GRUEBY HARRINGTON,

LL. B., Boston University, 1902; Honor Graduate, Emerson College of Oratory, 1908.

Professor of English and Public Speaking.

EARLE DOWNS WEST,

A. B., Ohio State University, 1900; A. M., Adrian College, 1908.

Associate Professor of Mathematics.

WILLIAM MARTIN PROCTOR,

A. B., Whitman College, 1901; B. D., Chicago Theological Seminary, 1904; A. M., Whitman College, 1906.

Professor of Education and Biblical Literature.

HENRY PARKER GILBERT, A. M., Ph. D.,

Professor of Chemistry.

MARTHA F. HOLMES,

A. B., Pacific University, 1909.

Instructor in the Academy.

MRS. CLARANELLE KINZER,

Columbia School of Expression. Assistant, Rand Gymnasium, Grinnell College.

Instructor in Physical Training for Women.

FRANK THOMAS CHAPMAN,

Graduate American Conservatory, 1893; Student in Europe, 1894 and 1906-1907 (in Berlin). Student of Murdough, Jacobsohn, Listeman, Tividar Nachez, Emil Sauret, Breithaupt, etc.

Director of the Conservatory and Instructor in Piano and Violin; Theory and History of Music.

PAULINE MILLER CHAPMAN,

Graduate Chicago Conservatory, 1896; Student in Europe, 1906-1907. Student of Max Heinrich, Madam Amy Major, Signor Marescalchi, Madam Etelka Gerster and Prof. G. B. Lamperti.

Instructor in Vocal Music.

AGNES JOHNSON,

Graduate McMinnville College Conservatory, 1910; candidate for Diploma in Piano, P. U. Conservatory, 1912.

Instructor in Piano.

LEAH SLUSSER,

Candidate for Diploma in Voice, P. U. Conservatory, 1912

Instructor in Vocal Music.

MISS GOLDIE PETERSON,

Candidate for Diploma in Voice, P. U. Conservatory, 1912.

Instructor in Vocal Music.

HELEN WILCOX,

Instructor in Piano.

ADA TAYLOR,

Instructor in Piano.

EDSON DWINELL CLAPP,

Candidate for Diploma in Violin, P. U. Conservatory, 1912.

Instructor in Violin.

FRANK THOMAS CHAPMAN,
Theory, Harmony, Counterpoint, etc.

OLAUS JOHAN MURIE,
Assistant in Biology.

FRED EWALD SCHMIDTKE,
Assistant in German.

JOHN EGBERT BISHOP,
Assistant in Chemistry.

ETHEL MAUDE ENGLISH,
Instructor in Stenography and Typewriting.

PROFESSOR SHIPPEE,
Acting Librarian.

MARTHA ELIZABETH SPAFFORD,
A. B. University of Vermont; New York State Library School
Cataloguer.

PROFESSOR BEAN,
Registrar.

PROFESSOR TAYLOR,
Clerk of the Faculty.

OLIVIA ABBY HASKELL,
Matron Herrick Hall.

FORMER PRESIDENTS.

SIDNEY HARPER MARSH, D. D.	1854-1879
JOHN R. HERRICK, S. T. D.	1880-1883
JACOB FRANK ELLIS, D. D.	1883-1891
THOMAS McCLELLAND, D. D.	1891-1900

STANDING COMMITTEES OF THE FACULTY.

1911-1912.

LIBRARY AND READING ROOM.

Professors Shippee, Farnham, Bean, Gilbert.

SCHEDULE OF RECITATIONS.

Principal Bates, Professor Taylor.

CLASSIFICATION OF STUDENTS.

Professors Bean, Farnham, Ben Kori, West.

ATHLETIC COUNCIL.

Principal Bates, Professors Harrington and Proctor, Messrs. S. Bryant, Ferrin, Hope, Ward, Markee, J. D. Taylor.

STUDENT PUBLICATIONS AND SOCIETIES.

Professors West, Ben Kori, Farnham, Shippee.

FACULTY PUBLICATIONS.

Professors Proctor, Taylor, Gilbert, Pres. Ferrin.

ORATORY AND DEBATE COUNCIL.

President Ferrin, Professors Harrington and Taylor, Messrs. Hope, Howard Taylor, Goodrich, Ward, Misses Helen Bishop, Genevieve Courtney.

COURSES OF STUDY.

Professor Bean, Principal Bates, Professor Shippee.

STUDENT CONDUCT.

President Ferrin, Principal Bates, Professor Taylor.

STUDENT SOCIAL AFFAIRS.

Professors Harrington, Bates, Farnham.

CATALOGUE.

Professors Farnham, Bean, Gilbert.

PUBLICITY.

Professors Proctor, Gilbert, Bean.

PUBLIC ADDRESSES.

It is the purpose of Pacific University to offer occasional addresses, and to arrange for other exercises of an interesting character. Students from the Conservatory of Music, and from the Department of Public Speaking occasionally appear before the public in special recitals, or in general programmes.

The following formal addresses, and recitals have been given:

- Sept. 20—Opening Day. President Ferrin: "The Characteristics of a Gentleman."
- Oct. 2—Mrs. Frances Hughes Wade: Harp Recital.
- Oct. 4—Miss Elizabeth F. Fox: "The World Wide Scope of the Y. W. C. A."
- Oct. 20—Dr. Lyman E. Sperry of Los Angeles: "Peculiarities of Development."
- Oct. 26—Axel Skovgaard: Violin Recital.
- Nov. 9—Judge A. F. Rutherford, Brooklyn, N. Y.: "The Bible in Daily Life,"
- Nov. 15—President Penrose, Whitman College: "The Obligations of the College Graduate."
- Nov. 29—Mr. Arthur Coyne, Y. A. L.: "Australia."
- Jan. 10—Charter Day. Mrs. Eva Emery Dye: "A Forgotten Heroine."
- Jan. 19—Mrs. Mabel Wallace Butterworth: Reading, "The Piper," under the auspices of the Kappa Delta Society.
- Jan. 19—Mr. J. Merle Davis: "Political and Social Problems in Japan."
- Feb. 7—Opening Day, Second Semester: Rev. Hiram Gould: "Tempering the Ax."
- Feb. 12—Lincoln Day. Professor Lester Burrell Shippee: "Some Characteristics of Abraham Lincoln."
- Feb. 15—Judge Stephen A. Lowell: "The Great American Commoner."

- Feb. 19—Mrs. Bessie Lathe Scovell : "The Basic Principles of Right Living."
- Feb. 20—Mr. Edwin Eells: "The Early Days of Pacific University."
- Feb. 27—Rev. Luther R. Dyott, D. D.: "The Claims of the Christian Ministry on College Men."
- March 6—Mr. Harry W. Stone, General Secretary of the Y. M. C. A., Portland: "The Single Tax;"
- March 12—Mr. Frank Stott Myers: "The Other Side of Single Taxation."



HISTORIC EVENTS

Rev. Harvey Clark began missionary work at Tualatin Plains	1841
Mrs. Tabitha Moffet Brown came to Forest Grove ..	1847
The Orphan School opened in the log church	1847
Rev. Geo. H. Atkinson, D. D., arrived in Oregon July,	1848
Conference at Oregon City	September 4, 1848
Tualatin Academy incorporated	September 29, 1849
Rev. Cushing Eells, first president of Tualatin Acad- emy	1849
The Raising of the first frame building for Tualatin Academy	July 4, 1850
Mrs. Elizabeth Miller Wilson taught in Tualatin Acad- emy	1851
Rev. Sidney Harper Marsh, D. D., came to Oregon ..	1853
Tualatin Academy and Pacific University incorporated	January 10, 1854
President Marsh inaugurated	May 3, 1854
Rev. Harvey Clark died	March 25, 1858
First commencement	1863
Academy building erected	1864
President Marsh died	February 2, 1879
Herrick Hall erected	1883
President Thomas McClelland inaugurated ..	June 15, 1892
Ground broken for Marsh Memorial Hall	June 21, 1893
Celebration of Golden Jubilee of Pacific University....	July 9, 1898
President William N. Ferrin inaugurated ..	October 14, 1903
Herrick Hall burned	March 11, 1906
The New Herrick Hall dedicated	October 30, 1907
The Gymnasium opened	June 13, 1910
The Academy building burned	October 26, 1910
The Carnegie Library fund completed	March 30, 1911

GENERAL INFORMATION

HISTORY

The history of Pacific University is intimately associated with the development of Oregon. Its inception was under the provisional government; in the period of territorial government it received both its charters. Members of the alumni have served not only in the State Legislature, but also in the halls of Congress. Also like many other pioneer institutions its beginnings form an interesting chapter in missionary history. Rev. Harvey Clark, of Chester, Vt., began in 1841 an independent work among the Indians of Tualatin Plains. When the Willamette Valley opened opportunities for settlement by white people Mr. Clark realized the importance of educational work for their children. Active plans, however, were not put into operation until 1847 when Mrs. Tabitha Moffet Brown of the immigration of 1846 came to visit her son who was settled on a claim near Forest Grove. Although past middle life Mrs. Brown was a woman of dauntless courage and of great resources. At that time a considerable number of children had been left orphans by the hardships of the Western trail. With the co-operation of Mr. Clark Mrs. Brown collected these children together and taught them in the log church which had been placed at her service; their number was soon increased by children of the settlers.

Both as a missionary enterprise and as the beginnings of a future State the Oregon Territory appealed to men of the East. In 1847 the Home Missionary Society commissioned Rev. George H. Atkinson to undertake the extension of religious work in Oregon. At the same time Rev. Theron Baldwin, Secretary of the American College and Education Society, urged Dr. Atkinson "to found an academy that shall grow into a college." In 1848, soon after his arrival in Oregon, he attended the meeting of the Congregational and Presbyterian Conference in Oregon City and urged the immediate establishment of such a school. Members of the conference visited the school already opened in Forest Grove, and with the consent of Mr. Clark it was decided to merge the orphan school in-

to the proposed academy. September 29, 1849, the Territorial Legislature granted a charter to Tualatin Academy. Rev. Cushing Eells was the first principal, assisted for a time by Mrs. Eells. In 1851 Miss Elizabeth Miller, now Mrs. Wilson of The Dalles, came to Oregon under the auspices of the National Board of Popular Education, an organization promoted by Governor William M. Slade, of Vermont. Miss Miller was assigned to Tualatin Academy which was then under the charge of Rev. D. R. Williams. Mr. J. M. Keeler was another of the early teachers. Miss Miller was the first woman to come to Forest Grove especially for the school, and is the only survivor of the first instructors. Mr. Clark gave his donation claim; other gifts of land, when sold for town lots, were also added to the endowment fund. Half of the present campus was set aside for the institution by Mr. Clark. The site of the old log church which was also used for the school until better buildings could be erected, is now marked by a petrified stump which was placed there by the class of 1867.

Believing that a more advanced course of study was necessary to train young men for their part in the development of Oregon Dr. Atkinson went east to enlist the co-operation of the Society for the Promotion of Collegiate and Theological Education at the West. He was able to secure for this work Rev. Sidney Harper Marsh, of Union Theological Seminary. Coming from a long line of educators the choice of Mr. Marsh was singularly fortunate. It was due to his scholarly ideals that he was able to establish the high standard which from the first has characterized Pacific University.

In January, 1854, in accordance with his plans for more advanced work, the Legislature granted a new charter with full collegiate privileges to Tualatin Academy and Pacific University. Although all the possibilities under the enlarged charter have never been realized, and the institution has never claimed anything but college standing, difficulties in the way of another name still require the use of the original title. The work, however, has gradually expanded until the courses of study are fully equal to

those prescribed by other colleges on a similar foundation.

To meet the requirements of a growing demand for higher training President Marsh made several visits to the East where he secured liberal contributions from large-minded men who realized the strategic importance of a frontier state. Hon. Rufus Choate, Edward Everett Hale, and Professor Austin Phelps were influential men who lent the support of their names. Among the large contributors of the East were S. F. B. Morse, inventor of the telegraph, and his brother S. E. Morse; William E. Dodge, Ezra Farnsworth, Henry Ward Beecher, Timothy Dwight, D. W. James, vice-president of the American Board; Frederick and Mrs. Billings, A. S. Hatch, Edward Everett, S. D. Warren, Dr. E. M. Kirk, David Whitcomb, John Tappan, A. S. Barnes; also P. L. Moen, C. P. Huntington, F. Jones, J. Crosby Brown, J. Field, William Carleton, W. W. Wickes, R. R. Graves. Although the largest gifts came from the East, even in those early years the Northwest gave financial support; Hon. H. W. Corbett headed a subscription list with \$500.00. Altogether President Marsh secured an endowment which for that period put the school on a safe financial basis, and he collected a library of 5000 volumes. In addition to the first frame building, known for many years as "the College building", and undoubtedly the oldest building in Oregon still in use for educational purposes, another building resembling it in style was erected in 1864. It continued in use as "the Academy building" until it was destroyed by fire in October, 1910.

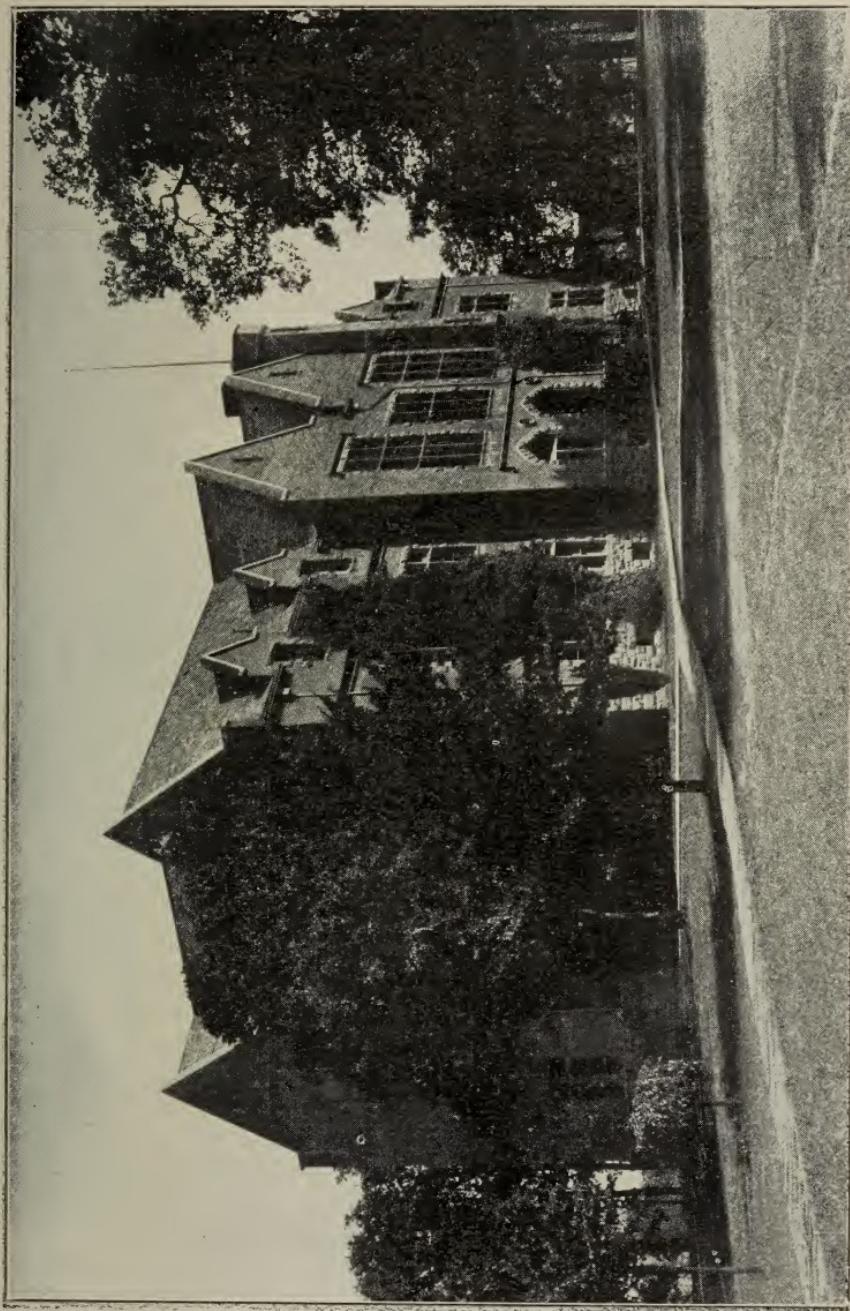
To administer the funds of Pacific University a board of trustees was chosen, in part from the old board of Tualatin Academy, with Rev. Harvey Clark as president, and Dr. Atkinson, secretary, an office he filled continuously for forty years. Hon. Alanson Hinman also served continuously until his death in 1908; the late Hon. H. W. Corbett was connected with the board from 1858 until his death in 1903, and the late Hon. Henry Failing was treasurer from 1870 until his death in 1898. Disinterested service has also been rendered by other members who have given generously, both of time and money.

In scholarship the men chosen as professors by Pres-

ident Marsh have stood high in the records of college-trained men: Rev. Horace Lyman was not only professor of history and rhetoric, but much of the time was also pastor of the Congregational church; E. A. Tanner, late president of Illinois College, G. H. Collier, afterwards professor of science in the University of Oregon; Joseph W. Marsh, professor of Greek and Latin, after forty years of uninterrupted teaching was retired in 1907 on the Carnegie Foundation; A. J. Anderson, who was later president, first of Washington University, and afterwards of Whitman College; Rev. Thomas Condon, who later won distinction as the leading geologist of the Northwest, was professor for years at the University of Oregon; W. N. Ferrin, professor of mathematics until 1903 when he was elected president of Pacific University, and W. D. Lyman now professor of history in Whitman College.

The death of President Marsh in 1879 closed twenty-six years of heroic work for Pacific University. He was succeeded by Rev. John R. Herrick, S. T. D.; during his administration a building was erected for the young women, and later named Herrick Hall in his honor. This building was the center of social life in the institution until it was burned in 1906. Succeeding Dr. Herrick, Rev. J. F. Ellis, D. D. served as president until 1891 when the trustees secured Rev. Thomas McClelland, D. D. The administration of President McClelland opened a new era for Pacific University; by his untiring efforts the endowment was increased, Marsh Memorial Hall, a handsome brick building, was erected for administrative purposes, lecture rooms, and an auditorium; the number of professors was increased, and the standards raised. Liberal benefactors of President McClelland's administration were Dr. D. K. Pears-
ons, of Chicago; Dr. E. H. Williams, and J. H. Converse, of Philadelphia; Hon. H. W. Corbett, and Hon. Henry Fail-
ing of Portland. In July, 1898, the National Council of Congregational Churches, then convened in Portland, held a special session in Forest Grove to celebrate the Golden Jubilee of this institution "cradled in missionary enterprise and nurtured by men of the Pilgrim faith."

In 1903 Professor William N. Ferrin was chosen by the



Marsh Hall

trustees to succeed President McClelland who resigned that he might accept the presidency of Knox College. Under President Ferrin the courses of study have been still further enlarged and the standards of admission brought to the requirements of the Carnegie Foundation. A fine brick building, erected at the cost of \$54,000, has replaced the hall of residence for young women destroyed by fire in 1906, a gymnasium equal in equipment to any in the Northwest has also been erected, and the funds secured for a library building. This building has been for some years a necessity by the increase of volumes to 16,500. Its erection has been made possible by gifts from Mr. Carnegie and friends of the University. It is worthy of note that generous subscriptions for all these newer buildings have come from the Northwest.

The work of Pacific University is accredited at Harvard, Princeton, Columbia, Amherst, Western Reserve, University of California and similar institutions of the country, to which its graduates are admitted for professional study or advanced degrees.

In 1912 by action of the United States Bureau of Education Pacific University was placed on the list of standard colleges in Oregon.

It has also been placed upon the "Accredited List" of the state of Washington. This grants to its graduates the privilege of teaching in the schools of that state without examination.

The relatively large number of its alumni who occupy positions of responsibility and prominence in various lines of activity in our state and the country attests the high quality of the training which they have received.

AIMS

Tualatin Academy and Pacific University was founded in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not entirely dependent for its support upon the tuition paid by its students, and con-

sequently the mere number of students in attendance is not regarded as all-important, the Faculty is able to maintain thorough standards of scholarship in all grades of study.

LOCATION.

Forest Grove is distinctively a "college town". It is known for its law-abiding, intelligent population; its strong progressive churches, and its beautiful homes. It has never had a licensed saloon in all its fifty years of existence. More favorable conditions for health could scarcely be obtained anywhere. The water supply, brought from the mountains ten miles away, is abundant and pure. Typhoid fever and kindred diseases are absolutely unknown. Frequent train service over the Oregon Electric and Southern Pacific lines from Portland make it especially easy of access to students from all directions.

BUILDINGS.

The buildings are situated on a campus of thirty acres, covered in part with a growth of native oaks and spruce, and commanding a fine view of the surrounding mountains.

MARSH MEMORIAL HALL. This building, raised in commemoration of the first President, Sidney Harper Marsh, is constructed of brick, with stone trimmings. The dimensions are 142x70 feet. There are thirteen recitation rooms, a reception room, office, literary society and Christian Association rooms, art room and library. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat 800 people. The building is well-lighted and ventilated, and is heated throughout by hot water.

HERRICK HALL. This Hall of Residence for young women is a new building three stories high, in addition to a good basement with cemented floor. The equipment is modern in every detail. A hot water heating plant, both electric and gas lights, bath and toilet rooms on every floor, hot and cold water in each room, and fire escapes, insure both comfort and safety. On the ground floor are the dining hall, parlors and music rooms. Easy

Stairways lead to the upper floors, where both single and double rooms are arranged; in a few cases connecting doorways make it possible to use two rooms together. The rooms are furnished with single beds which can be made up like lounges to give a more home-like appearance. All the furniture is new and attractive. In addition to the furnishings which the institution provides, the occupants are required to bring towels, table napkins, lounge covers and necessary bedding, except mattresses and pillows. Whatever else individual taste may suggest will be brought from home. All pictures must be hung from the picture molding.

A good laundry in the basement gives opportunity to those who wish to do their own washing or ironing. Each young woman is requested to provide her own ironing sheet.

The Hall of Residence is the center of a pleasant family life under such restrictions as the customs of good society and the best interest of the household require. The Dean of Women and several other members of the faculty reside in the hall, and the dining-room is open to young men.

Unless by special consent of the Dean of Women, it is expected that all young women whose homes are away from Forest Grove will reside in the hall.

A Bulletin with floor plans and prices of rooms will be sent on request to all applicants that choice of rooms may be made. For further information please apply to the President, the Dean of Women, or the Matron.

THE LIBRARY. The opening of the academic year of 1912-13 will find the Library housed in the new Carnegie building, located near the southwest corner of the Campus. This building contains on the main floor, a stack room, a general reading room, a reference room, a periodical room and rooms for the convenience of the staff, all located on the main floor. In the basement are an additional stack room, and rooms for lectures, together with the necessary

work-rooms. The efficiency of the Library has been increased by an endowment of some \$30,000, the income of which is to be used for maintenance and the purchase of books, periodicals and supplies. A further gain in efficiency comes from newly cataloguing and classifying all the books in the collection.

At present the Library contains 16,500 bound volumes, including Government documents, in addition to numerous unbound volumes and pamphlets. With the availability of the new endowment the number of books will be rapidly increased, reducing the irregularities in equipment.

In the Reading Room, which until the opening of the First Semester in 1912-13, is housed in Marsh Hall, are received numerous American and foreign periodicals, both technical, for use in the departments, and general. The magazines of permanent value are bound and added to the already large collection in the general Library.

The collection of Government documents is available for the use of the public, and the general Library may be used by alumni and others upon payment of the fee of \$3.50 per year.

THE GYMNASIUM. This new building was erected during 1910 at a cost of \$24,000, contributed largely by citizens of Forest Grove, alumni and other friends of the college. It is a substantial structure with two stories and a basement. The floor of the main gymnasium room is 50x100 feet, and is well equipped with necessary apparatus.

A gallery with a bowled floor for a running-track surrounds this room. The building contains also a fine swimming pool 20x60 feet; Director's room, Trophy room and separate bath rooms and locker rooms for young men and young women. A fee of 25 cents a semester is charged to every one using a locker.

SCIENCE HALL. The building known as Science Hall was the first to be erected of those now on the campus. It is still, nevertheless, a serviceable structure, a testimony to the faithful work of the early builders. A lecture room, the botanical and other collections, the biological laboratories, office and store-room are on the first floor; on the second are laboratories for chemistry and physics, lecture room and office. All these rooms have been recently remodeled.

APPARATUS AND COLLECTIONS.

Adequate facilities are provided for the general work of classes in Chemistry, Physics and Biology, as well as special apparatus for more advanced instruction. A very valuable set of engineering instruments is supplied for the use of students in that department. A stereopticon is also provided for lecture work.

A considerable collection has been made of birds and mammals of this region. The principal invertebrate orders are represented by preserved material in jars. There is also a collection of several hundred marine shells, named and classified.

The botanical collection includes over two thousand native species, several hundred South African species (the gift of Professor Mary F. Farnham), and a museum exhibit of nearly five hundred native species.

A large collection of geological specimens has been obtained from different regions of this country and Europe illustrating both the paleontologic and stratigraphic phases of the study. There are besides a number of ores and similar material for the work in mineralogy.

It is earnestly desired that these various collections may be increased and thus made more useful for purposes of instruction. Small private collections and single specimens are of much greater value when forming part of a larger and well-organized series. The co-operation of alumni and friends of the institution toward this purpose is earnestly solicited. Correspondence to this end may be addressed to any member of the faculty.

REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well disposed, or who are too wayward for home restraint. To such as are earnest it affords the advantages of a quiet and orderly community with all the opportunities of study and mental development afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents

of all minor students at the end of each semester. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The ultimate control in all matters pertaining to the conduct of the students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

On or before the second Friday before the last Monday of each semester each student is expected to file with the Registrar or Principal a list of his studies for the next semester.

CLASS STANDING.

Reports are sent each month to the Registrar of the College and Principal of the Academy; students whose work is rated "poor" are notified at once and required to take steps to bring their work to a proper standard.

In determining the average standing for a semester, the average daily standing will count two-thirds, and the final examination one-third. Every student whose average daily standing in any study is 95 or above will be excused from examination in such study at the end of the semester.

Students' grades are reported by letters as follows: A, signifying 90-100; B, 80-89; C, 70-79; D, 60-69 per cent, respectively. E denotes failure and the work must be taken over in class in order to secure a grade in that subject. A grade of D is known as a "condition" and must be made up within one year; otherwise, the entire work must be taken in class.

WOMEN.

Young women are admitted to all courses of study on

equal terms with young men, and so far as they are pursuing the same studies they recite together. All the young women of the institution are under the supervision of the Dean of Women.

EXPENSES.

Tuition and other expenses are made as low as possible, so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each semester, and charges for rooms and board in College buildings in advance for at least each quarter semester, to the Local Treasurer.

College Tuition, per semester \$25.00

Academy Tuition, per semester 17.00

Each student pays an incidental fee of three dollars per semester, to be used for library, reading room and athletics.

A fee of fifty cents, to be paid to the Local Treasurer, will be charged for any special or extra examination, and a receipt therefor must be presented at time of examination.

For courses in Biology, Chemistry or Physics, involving laboratory work, a fee is charged varying from \$2.00 to \$5.00 per semester, according to amount of work and expense of material required. The exact amount of this fee is given under the description of each course. A deposit of \$3.00 is required in all courses in Chemistry and \$2.00 in Physics to cover breakage; at the end of the semester any balance will be returned.

The charge for one study (five hours per week) is one-half the regular rate of tuition. For more than one study, full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the semester, except in cases in which they are excused before the middle of the semester, on account of their own sickness, in which event the tuition for the latter half of the semester will be paid back.

Each student is required to have his registration slip

stamped by the Treasurer before attending classes. This registration slip is to be presented at the first recitation in each study for his instructors' signatures and returned promptly to the Registrar.

It is estimated that the average necessary expenses for a college year range from a minimum of \$200 to a maximum of \$400.

BOARD AND ROOM.

HERRICK HALL. The price of room and board, including heat and light, and the use of the laundry, varies from \$81 to \$99 per semester (about eighteen weeks) for each person accommodated, according to the size and location of the room assigned. This is not a rate by the week and is made with the understanding that prompt payment is to be made in advance, for at least each quarter semester. Settlements for less than one quarter semester will be charged fifty cents a week above the average of usual rates.

A limited number of young men will be received to table board at the Hall, at a rate of \$72 per semester with the same understanding as to time and payment specified above.

No allowance will be made for occasional absence except that, in case of necessary absence extending to three days or more, an allowance of 50 cents a day for all time in excess of two days will be made.

BOARDING CLUBS. Independent boarding clubs are organized and carried on by the young men in which board is furnished at actual cost. These clubs are given every possible encouragement by the college. It is the wish of the institution to inculcate all reasonable economy by its students.

ROOMS AND BOARD are to be had in private families in town at various prices. An approved list of such places may be obtained from the President, or Principal of the Academy.

STUDENT AID.

The College desires to encourage self-supporting stu-

dents, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education need fail in the attempt.

Through a bequest of \$10,000 by Mr. Charles Atkinson, of Moline, Ill., the Atkinson Scholarship Fund has been established. This amount is divided into ten Atkinson scholarships of \$1000 each, the income to be awarded each year to worthy students whose circumstances require such assistance. Any one who indulges in tobacco, or has any expensive habits will be debarred from such aid. The annual income of two Benedict scholarships of \$1,000 each will be awarded young women. Application for aid from any of these scholarships must be made each semester to the President. Sons and daughters of ministers in actual service are admitted upon payment of one-half tuition, if dependent on their parents.

The educational societies assist students in College who are preparing for the Christian ministry.

A scholarship, consisting of tuition for one year, will be given to the student attaining the highest rank in the graduating class in any of the schools in the accredited list.

CORPORATE NAME.

The corporate name of this institution is "The President and Trustees of Tualatin Academy and Pacific University."

RELIGIOUS CULTURE.

This is a Christian institution and aims to give its students a thorough education; it believes that the highest intellectual culture, and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. At the same time it seeks to avoid a narrow sectarianism; it opens its doors to students of all denominations.

All students are required to attend a daily devotional service at the chapel and church services at least once

on Sunday. Each student attends the church of his choice. Bible study occupies a place throughout the curriculum, and a strong department of Biblical Language and Literature is maintained.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students and prayer-meetings are held every Tuesday evening, to which all students are invited. Classes for Bible study and Mission study, following the plan of the International Committee, are maintained by both associations. A room in Marsh Hall is suitably furnished for use of these societies. A useful handbook is published each year and may be had by applying to the Presidents of the associations.

THE CAMERA CLUB.

The Camera Club is a student organization with the purpose of cultivating enthusiasm for good photography. Any student who owns a camera is eligible to membership. At the monthly meetings the methods discussed are illustrated by photographs prepared by the members. All work presented for approval must be the student's own in all details from the negative to the finished photograph.

LITERARY SOCIETIES.

There are four literary societies for the students—the Gamma Sigma and Alpha Zeta for the men, and the Philomathean and Kappa Delta for the women. Membership is by election by the society. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented and a familiarity with parliamentary rules is gained. Suitable rooms are provided for the societies in the College buildings. Students participate in oratorical contests and inter-collegiate debates and have had their share of victories.

GLEE CLUB.

A Glee club and orchestra of ten pieces was organized the past year. This organization included a male quartet and six soloists. The instrumental solos and the

orchestra were under the direction of Prof. F. T. Chapman. The vocal solos were given by pupils of M. Pauline Miller Chapman. The organization after giving a concert in the chapel of the University appeared in Vancouver, Wash., Portland, Hood River, The Dalles, Goldendale and Washougal, Wash. The tour was an artistic and financial success. The press and critics were more than generous in their appreciation of the work of the club. Owing to the enthusiasm aroused by the club's public appearance, Prof. Chapman plans to take them on a more extended tour this coming year.

PHYSICAL TRAINING.

The gymnasium is open to all students during certain hours daily, and regular Physical Training under the supervision of Physical Directors is required of all Academy students throughout the four years of the Academy course, and of all College students throughout the Freshman and Sophomore years.

A four-lap running track with grand stand is situated on the College athletic field and athletic sports and exercise in the open air are encouraged as a part of a complete physical education.

General athletic matters and intercollegiate games are under the control of the Athletic Council, consisting of three members of the Faculty and six from the student body. No student who has an unremoved condition or whose daily grades in any study are below 70 shall represent the school in any interscholastic contest, nor shall such a person be eligible to enter any "try-out" for such a contest; provided, that any student conditioned in but one study shall become eligible to enter try-outs or contests upon having taken up such conditioned work a second time.

The students maintain a Tennis Club with two courts on the campus.

There is also an Archery Range on the campus for the use of Faculty and students.

Athletic games or exercises are not permitted on the College grounds during the recitation hours of the day, except by special permission.

THE FACULTY CLUB.

The Faculty Club is an organization designed to bring the members of the Faculty into intimate social relations through informal discussion of topics relating to different departments of college instruction. This year the following subjects have been presented: "Present Day Tendencies in Teaching the Classics" by Professor Taylor; "The Possibilities of Greater Development for the Small College" by Professor Proctor; an illustrated lecture on the Pipe Organ by Dr. Gilbert; "Fourth Dimensional Bodies" by Professor West.

CHARTER DAY.

On January 10, 1854, the Legislature of Oregon gave a new and enlarged charter to Pacific University. That suitable recognition may be given to the founding of this institution, January 10, or the first Wednesday following that date, has been set apart as "Charter Day". Such a holiday is a stimulus to the loyalty both of students and friends, and awakens civic pride in an institution that has been an integral part in shaping the history of Oregon. Each year public exercises are held with a programme appropriate to the historic occasion.

This year Charter Day fell on the exact anniversary. At the public exercises, under the title of "A Forgotten Heroine", Mrs. Eva Emery Dye gave a graphic account of Charlotte Colcord. Her missionary work at the Hawaiian Islands, her marriage to Mr. Peter Hatch, pioneer life in Oregon where Mr. Hatch became a trustee of Pacific University, her early death and burial at Forest Grove made the history of the forgotten heroine of special interest.

THE COLLEGE

The high standard of the work done in this institution is recognized by the larger universities East and West, and graduates of Pacific University have been admitted to graduate standing, and undergraduates have also been given equal rank without examination, in a number of the best colleges and universities.

TERMS OF ADMISSION.

Candidates for admission to Pacific University must present an official statement of work done by them in other schools and a certificate of good moral character. These papers should, if possible be in the hands of the registrar before September 1st, in order to avoid delay in registration. The age required for entrance is fifteen years with a proportionate increase to enter advanced classes.

The scholastic requirements for admission are stated in terms of units. The term UNIT means the equivalent of five recitations per week for one year in one branch of study. In closely allied branches not usually taught in periods of one year each, such as Botany and Zoology, units may be constructed by adding the respective time values of such studies. In any subject three recitations a week for one year and a half may be counted as one unit.

Fifteen units are required for admission.

I. The following eleven and one-half units are required of all, unless six units of ancient languages are offered in which case two units of English will be accepted:

MATHEMATICS.....	2½ units
ENGLISH	3 units
HISTORY	1 unit
SCIENCE	1 unit
LATIN.....	2 units
FOREIGN LANGUAGES.....	2 units

II. In addition to the requirements under I, enough units must be offered from the following elective subjects to complete fifteen:

LATIN	1 or 2	units
GREEK.....	1 or 2	units
GERMAN	1 or 2	units
FRENCH.....	1 or 2	units
SPANISH	1	unit
SCIENCE.....	1, 2 or 3	units
Zoology	$\frac{1}{2}$ or 1	unit
Botany	$\frac{1}{2}$ or 1	unit
Chemistry	1	unit
Physics	1	unit
Physiography	$\frac{1}{2}$ or 1	unit
Astronomy	$\frac{1}{2}$	unit
ENGLISH	1	unit
HISTORY	1	unit
CIVICS, ECONOMICS	1	unit
MATHEMATICS	$\frac{1}{2}$ or 1	unit
BIBLICAL HISTORY	1	unit
DRAWING	1	unit
Mechanical Drawing	$\frac{1}{2}$ or 1	unit
Freehand Drawing	$\frac{1}{2}$ or 1	unit
MANUAL TRAINING	$\frac{1}{2}$	unit
DOMESTIC SCIENCE	$\frac{1}{2}$	unit

Applicants who are deficient in preparation may make up such deficiency in Tualatin Academy, but no college credit will be given for such preparatory work, nor will college rank be given to a student whose work is academic.

ACCREDITED SCHOOLS.

Graduates of any school having a course of study equivalent to the above requirements and which has been approved by the Faculty, will, when recommended by the principal of the school for admission to any college course, be admitted without examination. Schools may be accredited for partial fitting, and students will be required to pass examinations only in such subjects as are not credited in the entrance requirements.

The following schools have been placed upon the accredited list for full or partial credit:

Albany.	Marshfield.
Ashland.	Medford.
Astoria.	McMinnville.
Baker.	Monmouth.
Bend.	Nehalem.
Bethel	Newberg.
Brownsville.	Newport.
Burns (County High School)	North Bend.
Canby.	Nyssa.
Condon.	Oakland.
Coquille.	Ontario.
Cornelius.	Oregon City.
Corvallis.	Pendleton.
Cottage Grove.	Pilot Rock.
Cove.	Portland—
Dallas.	Jefferson.
Enterprise.	Lincoln.
Eugene.	Washington.
Forest Grove.	Prineville (County H. S.).
Fossil.	Roseburg.
Goldendale, Wash.	Salem.
Grants Pass.	Scappoose.
Harrisburg.	Sheridan.
Heppner.	Silverton.
Hermiston.	Sumpter.
Hillsboro.	The Dalles.
Honolulu, H. I.	Tillamook.
Hood River.	Umatilla.
Jackson.	Union.
Joseph.	Vancouver, Wash.
Junction City.	Woodburn.
Klamath Falls (County H. S.)	Yoncalla.
La Grande.	Allen Preparatory School.
Lakeview.	Pendleton Academy.
Lebanon.	Portland Academy.

Schools which desire to have their pupils thus admitted are requested to send to the Secretary of the Faculty their courses of study.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

DEGREES.

BACHELOR OF ARTS. The Degree of Bachelor of Arts will be conferred upon those who complete either of the courses of study described on pages 34 and 35. The fee for diploma is \$5.00 payable in advance.

GRADUATION HONORS. The formal thesis for graduation is no longer required. Opportunity is provided however to do special work in connection with one or both of their major subjects to those students who desire to try for graduation honors. Students must register for such work before the end of the Junior year. In order to obtain honors the work done in addition to the work in course must be equivalent to one semester course of one hour, in each department chosen for honor work. The names of students with the honors gained will appear upon the programmes of Commencement Day, and will be published in the Register of the following year.

MASTER OF ARTS.

The Master's Degree in course may be conferred upon the following classes of students:

1. Graduates of this or any approved institution of learning of equal rank who have received the corresponding Bachelor's Degree, and who have taken one year's approved graduate study, at least one semester of which must be in residence—pursued in at least two departments—and who have passed a satisfactory examination in each subject and presented a satisfactory thesis.

2. Graduates of this University who have completed two years of non-resident graduate study, other than pro-

fessional in at least two branches, under the direction of the Faculty, and who have passed an examination in each subject and presented a satisfactory thesis.

The fee for diploma is \$5.00, and in case of resident study, the tuition shall be the same as that required of undergraduates.

The higher degrees given above are based on a four years' college course.

SPECIAL STUDENTS.

In the arrangement of the courses the established fact is recognized that fixed schemes of study must be maintained in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in all branches of study.

COURSE OF STUDY

For the Freshman and Sophomore years the student will choose the work specified in Group I or Group II, in the following outline of courses for those years. The number following each study denotes the number of recitations per week throughout the year.

FRESHMAN YEAR.

GROUP I.

Mathematics	4
Literature	3
Greek	2
Modern Languages	3
Latin	3

GROUP II.

Mathematics	4
Literature	3
Biology or Chemistry	5
History or Modern Languages	3
	3

SOPHOMORE YEAR.

English	2
Bible History	2
Greek	4
Latin	2
Electives from the following:	5
Biology	
Chemistry	
History	
Literature	
Modern Language	
Mathematics	
Philosophy	

English	2
Bible History	2
Biology or Chemistry, 3 to 5 hours, with electives from the following to make:	11
History	
Political Economy	
Modern Languages	
Philosophy	
Literature	
Mathematics	

The work for the Junior and Senior years is elective, subject to the following restrictions:

(1) Each student is required to have completed before graduation at least 20 hours in each of two subjects known as Majors. These Majors must be chosen not later than the beginning of the Junior year.

(2) All courses must include—

Bible 8 hours.

Biology or Chemistry 10 hours.

English Language and Literature	10 hours.
History	6 hours.
Modern Languages	6 hours.
Public Speaking	4 hours.
Philosophy	6 hours.
Additional to be selected from History, Philosophy or Political Science	6 hours.

For the completion of any course 120 hours are required, an average of 15 hours each semester. Ordinarily students may register for 17 hours without special permission. Registration for more than this amount will be allowed only on condition that no grade of the preceding semester is below 85 per cent, and when it is evident that the work can be done without detriment to the student's health. Requests for permission to take such additional work must be presented to the faculty in writing at the earliest possible date.

It is understood that an hour's credit is given, either for attendance at one class exercise per week with at least two hours' outside preparation, or for not less than two and one-half hours' work in the laboratory per week, through one semester. When a course runs through a year it must be elected for the year unless the instructor allows otherwise. And in such a course no credit will be given for less than a year's work except by consent of the instructor. The Faculty reserves the right to withdraw any elective if it be not chosen by a sufficient number of students to constitute a class. Elementary courses taken as electives in the upper years of college may not count for the same number of credits as when taken earlier.

DEPARTMENTS AND METHODS OF INSTRUCTION.

BIBLICAL LITERATURE.

PROFESSOR PROCTOR.

BIBLE 1. Seniors and Juniors. THE SOCIAL TEACHINGS OF JESUS. A study of the social bearing and significance of the sayings of Jesus, and a study of modern governmental theories in the light of the teachings of Jesus. Two hours a week. *First semester, two credits.*

BIBLE 2. Seniors and Juniors. THE GREAT TEACHERS OF JUDAISM AND CHRISTIANITY. Takes up types of teachers and teaching methods of Israel's prophets, priests and wise men. Two hours a week. *Second semester, two credits.*

BIBLE 3. Sophomores and Freshmen. THE BEGINNINGS OF CHRISTIANITY. Deals with the first Christian century, with an intimate study of the book of Acts, and the missionary journeys of Paul. Two hours a week. *First semester, two credits.*

BIBLE 4. Sophomores and Freshmen. THE PROBLEM OF SIN AND AFFLICTION. Based on an analytical study of the book of Job. Two hours a week. *Second semester, two credits.*

BIOLOGY.

PROFESSOR BEAN.

The laboratory for the department of biology is in the east half of the first floor of Science Hall. The equipment includes instruments and supplies for general use, dissecting microscopes, compound microscopes with stage and eyepiece micrometers, camera lucida and immersion objective, a Zeiss binocular, a rotary microtome of the latest and most approved type, a sliding microtome for celloidin sections, paraffin bath, thermo-regulator, drying oven and a good supply of reagents and stains.

There is besides a large supply of preserved material for

class work and specimens in jars for purposes of illustration. A well-selected reference library is available to all students and is freely used.

1. 2. ZOOLOGY. The morphology and relationships of animals and the general principles of classification. Three recitations or lectures and two laboratory periods a week. *Throughout the year, five credits each semester.* Laboratory fee \$4.

3. HISTOLOGY. The microscopic study of the normal tissues, with reference to the entire organ and their physiological significance in the body. Two lectures per week, required reading and laboratory work. *Five credits, second semester.* Laboratory fee \$4.00.

4. EMBRYOLOGY. The general principles of development with special reference to the batrachian, bird and mammal. Must be preceded by course 3. *Five credits, second semester.* Laboratory fee, \$4.00.

5. COMPARATIVE ANATOMY. Anatomy of the vertebrates with more especial reference to mammals. Two lectures and three laboratory periods. *Five credits, first semester.* Laboratory fee, \$4.00. (Omitted 1912-1913)

6. EXPERIMENTAL PHYSIOLOGY. Lectures with laboratory experiments and demonstrations. Chemistry and a knowledge of elementary physics are required. *Five credits, second semester.* Laboratory fee, \$4.00. (Omitted 1912-1913)

9. PHYSIOLOGY. A more general course in human physiology. Recitations, with experiments, demonstrations and illustrative material. *Three credits, first semester.*

10. ORNITHOLOGY. An elementary course in bird study and designed to give the student an understanding of the bird's place in nature as well as a knowledge of the birds of the locality. One lecture per week and two laboratory periods or field excursions. The student should provide opera or field glasses for this work. *Second semester, three credits.* A laboratory fee of \$3.00 is charged for this course.

11. BOTANY. A study of the morphology and development of plants, types of the greater groups of plants, beginning with the simplest forms studied in field and laboratory. *First semester, three credits.* Laboratory fee, \$3.00.

12. NEUROLOGY. An introduction to the study of the morphology of the nervous system of vertebrates, and especially designed as a preparation for Philosophy 3 and 4. Mainly laboratory work including a study of prepared specimens, charts and models. Required of all students who have not taken Biology 1 and 2. Not open to Freshmen. *Three credits second semester.* Laboratory fee, \$3.00.

CHEMISTRY.

PROFESSOR GILBERT.

1. GENERAL CHEMISTRY. Experimental lectures, recitations, and laboratory work. The course comprehending a study of the elements of theoretical chemistry and of the non-metals and their compounds. The laboratory work consisting of a selection of representative experiments, including quantitative, using Alex. Smith and Hale's Laboratory Outline; the second half consisting of a selection of preparations from raw materials. Text book, Alex. Smith's General Chemistry for Colleges. Thorp, Inorganic Chemical Preparations. *First semester, five credits.* Laboratory fee, \$5.00.

2. GENERAL CHEMISTRY. Continuation of course 1. The laboratory work consisting of the study of the metals, and of the preparation of their commercially valuable compounds, and including an introduction to Qualitative Analysis. *Second semester, five credits.* Laboratory fee, \$5.00.

3. QUALITATIVE ANALYSIS. Lectures, recitations, and laboratory practice, being an introduction to the fundamentals, theory and practice of analytical chemistry following Bottger's Qualitative Analysis. *First semester, three credits.* Laboratory fee, \$3.00.

Prerequisite, courses 1 and 2.

4. QUANTITATIVE ANALYSIS. One recitation and five laboratory periods per week. The course covering a series of experiments illustrating the elements of gravimetric and volumetric methods. *Second semester, five credits.* Laboratory fee, \$5.00.

Prerequisite, courses 1, 2, and 3.

5. CARBON COMPOUNDS. This course consists of three lectures per week on the general principles and theories of or-

ganic chemistry, covering the aliphatic series, accompanied by laboratory practice which includes the familiar operations involved in organic work, and the preparation of twenty aliphatic compounds. *First semester, five credits. Laboratory fee, \$5.00.*

Prerequisite, courses 1, 2, 3, and 4.

6. CARBON COMPOUNDS. Continuation of course 5. Three lectures per week on the compounds of the carbocyclic series, with laboratory work, including the preparation of ten aromatic compounds, and a systematic study of the characteristic reactions involved in organic analysis, with practice in the identification of unknown compounds and mixtures. *Second semester, five credits. Laboratory fee, \$5.00.*

Prerequisite, course 5.

7. ADVANCED QUANTITATIVE ANALYSIS. Continuation of course 4. Lectures and laboratory work designed to meet the needs of industrial applications chosen by individual students. Technical analysis of iron and steel, fuels, cements, water, soils, etc. Of value to students looking forward to mining or chemical engineering, or to commercial analysis. *First semester, three to five credits. Laboratory fee, \$3.00-\$5.00.*

8. PHYSIOLOGICAL CHEMISTRY. Lectures, recitations and laboratory practice including a study of the fluids and tissues of the animal body, with a detailed consideration of the processes of digestion, secretion, excretion, putrefaction, metabolism, etc. *One semester, five credits. Laboratory fee, \$5.00.*

Prerequisite, courses 5 and 6. Biology 9.

9. CHEMICAL TECHNOLOGY. A course of lectures comprising a study of technological chemistry as illustrated in the industries. Much use is made of the journals. *One semester, three credits.*

Prerequisite, courses 5 and 6.

10. THEORETICAL AND PHYSICAL CHEMISTRY. Two lectures and one recitation per week treating states of aggregation, atomic and molecular hypotheses, solutions, chemical statics and kinetics, electro-chemistry, thermo-chemistry, and photo-chemistry. *One semester, three credits.*

Prerequisite, courses 4 and Math. 3 and 4.

11. FOODS, BEVERAGES AND FOOD ACCESSORIES. Discussion of source, preparation for use, and the chemistry of foods, beverages, and food accessories. Followed by a consideration of the individual and relative assimilability, digestibility and nutritive value of food products; the relation of pure and adulterated foods to the public health; the adulteration, sterilization and preservation of foods; and a discussion of dietics, dietary standards and the methods for carrying on nutrition investigations. Of value to students looking forward to medicine, nursing, domestic science, sanitary chemistry. May be taken alone, without course 12. *Second semester, two credits.*

Prerequisite, courses 5 and 6.

12. FOOD ANALYSIS. MICROCHEMISTRY OF FOODS. Instruction given in the examination of foods by chemical and optical methods, with reference to adulteration, imitation and alteration; examination of foods for artificial coloring matters, preservatives, and poisonous substances. This course comprises a study of milk, comestible fats and oils, cereal products and starch foods, canned goods, jellies, etc. Alcoholic beverages, fermented liquors, etc. Instruction in the use of the microscope in the examination of foods and condiments for the purpose of detecting adulterations and admixtures. Laboratory practice to be taken in connection with course 11. *Second semester, three credits. Laboratory fee, \$5.00.*

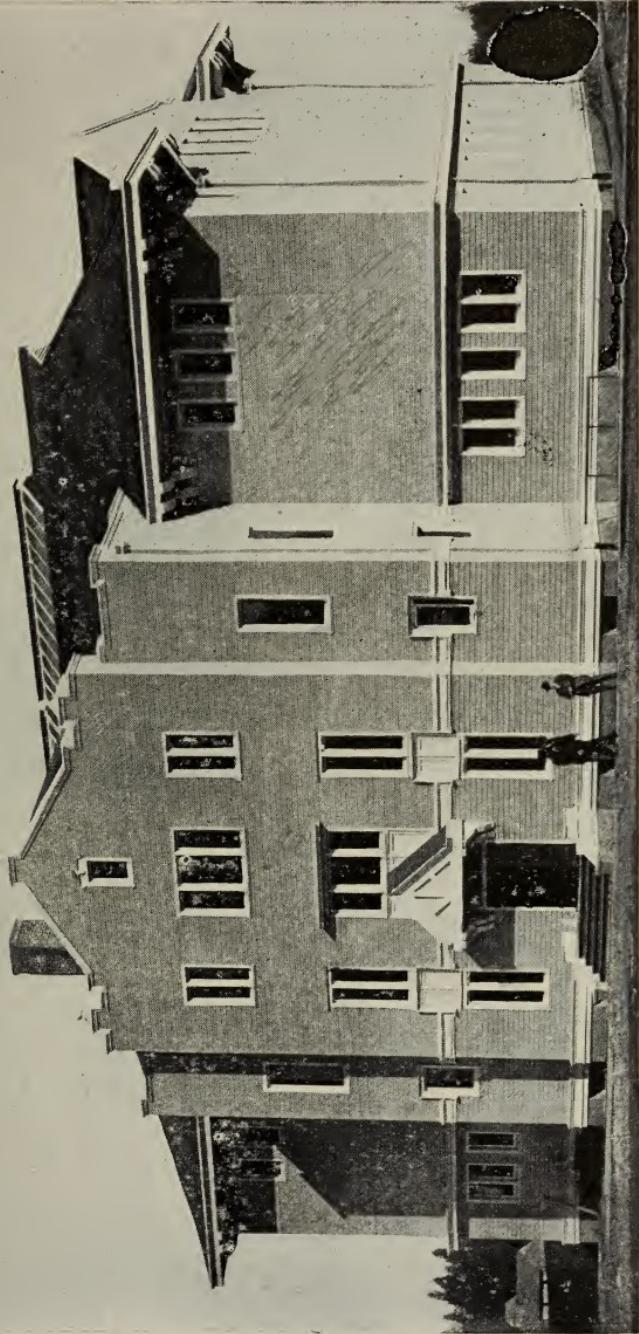
13. ASSAYING. Mostly laboratory work. Fire assays of gold, silver and lead. Volumetric determination of copper and lead. *Three to five credits. Laboratory fee, \$3.00 to \$5.00. (Omitted in 1912-1913.)*

EDUCATION.

PROFESSOR PROCTOR.

The Legislature of Oregon in 1911 passed a law authorizing the State Superintendent of Public Instruction to issue certificates to graduates of standard Colleges, giving at least fifteen hours in Education, which would entitle such graduates to teach in the High Schools of Oregon. Also providing that all four-year High Schools must employ College graduates as teachers. The United States Bureau of Education inspected all Colleges in Oregon with a view to standardization, with the

College Gymnasium



result that only three Colleges found a place on the standard list. Pacific University is one of the three and its graduates, therefore, are entitled to High School Teaching certificates.

COURSES OFFERED.

EDUCATION 1. History of Education. Early Greek, Roman, Mediæval, and Modern periods of educational development are considered. Monroe's Briefer History of Education is the text book used. Each student is required to present evidence of a minute study of one of the great modern educators. Open to Seniors, Juniors and special students. Four hours a week. *First semester, four credits.*

EDUCATION 2. Principles of Secondary Education. A study of the Economic and Social, as well as the Biological and Psychological bases of Secondary Education. DeGarmo's Principles of Secondary Education, The studies. With collateral readings in Hall's Adolescence, and Rædiger's Principles of Education. Three hours a week. *Second semester, three credits.*

EDUCATION 3. School Management. Problems of school organization and management and teaching methods studied. Observation of Primary, Grammar and Secondary teaching in the Portland and Forest Grove schools. Bagley's School Management. Four hours a week. *First semester, four credits.*

EDUCATION 4. History of the American High School. Taking up the historic development of American Secondary Education, from the Boston Latin School of 1635 to the present day. J. F. Browne's "History of the American High School." Two hours a week. *Second semester, two credits.*

EDUCATION 6. School Law. Taking up the study of the Educational Codes of Oregon and Washington. Two hours a week. *Second semester, two credits.*

Additional Courses in Education are given by the Department of Philosophy. Psychology, five credits, three in the first semester and two in the second, and Educational Psychology, two credits, second semester, are offered by Professor Bates. A total of twenty hours in Education can thus be secured, and additional courses will be added as the demand arises.

ENGLISH LANGUAGE AND LITERATURE.**PROFESSOR FARNHAM.**

A. LANGUAGE. Rhetoric is a prerequisite of all work in English Composition. Students who are conditioned in that subject can take the course required in the fourth year of the Academy. The aim of this department is to acquire the art of clear and forceful expression, to cultivate a style that is sincere and natural, and to gain an appreciation of the best writers. Practice in composition is an important element in several of the courses in Literature, and in addition to the work of this department opportunities for practical application are offered under the Department of Public Speaking.

1, 2. DAILY THEMES. These courses presuppose a knowledge of the principles of Rhetoric. Daily Themes on the basis of a paragraph; occasional long themes; lectures; criticism of themes in class, and individual conferences.

1. Daily Themes to develop good style in writing by means of studies based on experience and observation.

2. Current events in the form of short editorials and reports. It is the aim of this course to meet the special needs of journalistic work. It is expected that the two courses shall be taken in sequence. *Two credits through the year.* Required of Sophomores in all courses.

3. DEVELOPMENT OF THE ENGLISH LANGUAGE. Lectures, discussions, special study of assigned topics. Open to all students who have taken courses 1 and 2. *Two credits, first semester.*

4. DEVELOPMENT OF LITERARY CRITICISM. This course is supplementary to course 3. It gives an opportunity to study the best English prose by analysis and extensive reading, with exercises in composition to cultivate literary form. *Two credits, second semester.*

B. LITERATURE. The different courses in Literature aim not only to give the student a general acquaintance with works of the best writers in relation to the life and thought of their time, but also to develop an appreciation of good reading, and to cultivate a literary style. To acquire independence of thought and ease of expression frequent reports, both oral and

written, are presented. In addition to the courses prescribed other electives will be offered as the requirements of the Literature group may demand.

5. HISTORY OF ENGLISH LITERATURE. This course is a prerequisite of all other courses in English Literature. Emphasis is laid on the great creative periods by means of lectures, collateral reading, and reports. *Three credits, first semester.* Required of freshmen in all courses.

6. AMERICAN LITERATURE. After a brief preliminary study of early American writers the representative writers of the nineteenth century are studied in detail. The course is conducted by means of lectures, readings from the authors, and written reports. *Three credits, second semester.* Required of freshmen in all courses. Courses 5 and 6 are required of all students. If, however, satisfactory credits are brought from some other school equivalent courses in Pacific University may be substituted.

7, 8. GREAT MAKERS OF ENGLISH POETRY. These courses give an acquaintance with the life and work of several great English poets, their relation to literary history and to the development of the English language. Although the study is more complete when these courses are taken in chronological order, at the discretion of the instructor students may take either course separately.

7. Chaucer, preceded by a short study of Beowulf and Piers the Plowman.

8. Spencer and Milton. *Two credits each course.* (Omitted in 1912-1913.)

9, 10. THE ENGLISH DRAMA. This course consists of a preliminary study of the early drama, a critical study of representative plays of Shakespeare and, when time permits, one or two plays illustrative of the later drama. This course may precede or supplement the work in dramatic expression in the Department of Public Speaking. Three credits through the year.

11, 12. NINETEENTH CENTURY POETRY. These courses give a conception of the intellectual and imaginative development of each poet through the study of his work in relation to his environment and time. Lessons and collateral readings with

frequent reports, and a critical study by each student of some assigned subject in connection with the course. These courses may be taken separately.

11. Poetry of the first half century.

12. Poetry of the second half century. *Three credits through the year.*

13, 14. NINETEENTH CENTURY PROSE. These courses give a comprehensive study of leading prose writers in connection with the political, religious and social changes that influenced the life of the nineteenth century with their influence upon the literary style of English prose. These courses may be taken separately.

13. Beginning with the Reviewers to the close of the first half century.

14. Prose of the second half century.

Two credits through the year.

15, 16. COMPARATIVE LITERATURE. These courses comprise a comparative study of great epic poems and dramas through English translations.

15. Ancient Classical Epics. *Three credits, first semester.*

16. Renaissance and Modern Poetry of Europe, beginning with The Divina Commedia of Dante. *Three credits, second semester.*

17. ENGLISH ALLEGORY AND ROMANCE. This course prepares the student for the study of English Fiction. Lectures and readings. *Three credits, first semester.* (Omitted in 1912-1913.)

18. THE ENGLISH NOVEL. This course is designed through the study of English and American story writers to enable the student to discriminate the best works of fiction. *Three credits, second semester.* (Omitted in 1912-1913.)

FRENCH.

PROFESSOR BEN KORI.

1, 2. Open to college students only. Prerequisite, at least four semesters of Latin or Academy French. French Grammar, Reader. Composition and translation. Conversation. *Three hours through the year.*

3, 4. Prerequisite, Academy or freshman French. (Omitted in 1912-1913.) The nineteenth century in France. Study of its various literary movements, together with present day tendencies. Guide: Lanson's *Histoire de la Litterature Francaise*. Study of representative authors. Collateral readings, reports and criticisms. *Three hours through the year.*

5, 6. Prerequisite, Academy or freshman French. French literature from Malherbe to Beaumarchais. Particular attention is given to Corneille, Racine, Moliere, Boileau, la Fontaine, Rousseau and Voltaire. Guide: Doumic's *Histoire de la Litterature Francaise*. *Three hours through the year.*

7, 8. Open only to students taking their major work in this department. Prerequisite, 3, 4, 5, 6. The sixteenth century in France. Manual: Darmesteter & Hatzfield's *Le Seizieme Siecle en France*. Attention is especially given to Rabelias, Montaigne and Ronsard. Reports and lectures. *Two hours through the year.*

9, 10. Old French, Morphology and Phonetics. (Omitted in 1912-1913). Prerequisite, 3, 4, 5, 6. Chrestomatie de Moyen Age by Paris and Langlois. Complementary readings and references to Diez Gram. der Rom. Sprachen, Brunot's *Histoire de la Langue Francaise des Origines a 1900*, etc., etc. Schwar-Behrens Grammaire de l'ancien Francais is recommended. Text for Modern Phonetics: Passy's *Les sons du Francais*. *Two hours through the year.*

GEOLOGY.

PROFESSOR BEAN.

1. The work of this course comprises the study of Norton's Elements of Geology, examination of minerals and fossil types in laboratory, and field trips. At least three Saturday class excursions required, as well as shorter trips to near-by points. *Second semester, three hours' credit.* A fee of \$2.00 is charged for this course.

GERMAN.

PROFESSOR BEN KORI AND MR. SCHMIDTKE.

1, 2. Open to college students only. Prerequisite, two years of Latin or Academy German. The Elements of German. Composition. Reader. *Three hours through the year.*

3, 4. Outlines of German Literature. Study of representative authors and literary movements of the nineteenth century. Masterpieces of Lessing, Freytag, Goethe and Schiller will be read. Themes and reports. *Three hours through the year.*

5, 6. A continuation of Course 3 and 4. (Omitted in 1912-1913.) Novels of the following writers will be studied in class and others assigned for outside reading and class reports: Storm, Ludwig, Dahn, Riehl, Freytag, Auerbach, von Kleist, Hauptmann and Grillparzer.

7, 8. Prerequisite, 3, 4, 5, 6. Intended only for students doing their major work in German and another modern language taught in this department. Historical and comparative study of the German grammar. References are made to phonology, morphology, syntactical and inflectional comparisons, gradual development, decline and corruption. Selections from Middle High German, Old High German, Old Saxon and Gothic. Relationship of Gothic to other Indo-European languages and dialects will be noted. Much outside reading and consultation work will be required. Students planning to take Course 7, 8 should first consult teacher. *Two hours through the year.*

GREEK.

PROFESSOR TAYLOR.

1. HERODOTUS. Selections from the History of the Graeco-Persian Wars. Drill on Attic forms and constructions. Introduction to Ionic forms. *Two credits, first semester.*

1a. ELEMENTARY GREEK. The main principles of the language, planned to give in one semester a basis for accurate reading of Greek. With Course 2a it gives college students an opportunity to prepare in one year for reading Greek 1. Designed for students having already had four years of foreign language study. *Five credits, first semester.*

2. THUCYDIDES. Selections from the history of the Peloponnesian war. *Two credits, second semester.*

2a. ELEMENTARY GREEK. Continuation of 1a. Xenophon's Cyropedia with composition exercises. (See Course 1a.) *five credits, second semester.*

3. HOMER. Two books of Iliad and one of Odyssey. Scansion, Homericisms, and the study of the author and his times. *Four credits, first semester.*

4. GREEK ORATORS. Select orations of Lysias and Demosthenes. Attention to study of Athenian legal procedure. *Four credits, second semester.*

5. GREEK TRAGEDY. Sophocles' Antigone and Aeschylus' Prometheus Bound. Attention to the history and importance of Greek Drama. *Three credits, first semester.*

6. GREEK PHILOSOPHERS. Plato's Apology and Crito. Collateral study of philosophy among the Greeks. *Three credits, second semester.*

7. GREEK LYRIC POETS. Pindar. Selected odes. *Two credits, second semester.*

HISTORY AND SOCIAL SCIENCES.

PROFESSOR SHIPPEE.

1, 2. MEDIAEVAL AND MODERN HISTORY OF EUROPE. A general survey of European History from the Teutonic Invasions to modern times. *Three credits through the year.*

3. ENGLISH HISTORY TO 1603. Study of the constitutional development of Great Britain to the Stuart period. Open to all who have completed History 1 and 2. *Three credits, first semester.*

4. ENGLISH HISTORY AFTER 1603. A continuation of 3. This may be taken either to follow History 3, or as a separate course. Open to all who have completed History 1 and 2. *Three credits, second semester.*

5, 6. AMERICAN HISTORY. A general course covering both colonial and constitutional periods. Open to all who have completed History 1 and 2. *Three credits, through the year.*

7, 8. STUDIES IN AMERICAN HISTORY. A course dealing with particular features of the development of the United States. For 1912-1913; *first semester:* Mississippi Valley. For 1912-1913; *second semester:* The early history of Oregon. *Two credits, with one hour of attendance per week through the year.* Open to all who have completed with credit History 5 and 6.

ECONOMICS.

1. ECONOMICS. An elementary course dealing with the simpler phases of economic theories. *Two credits, first semester.*

2. ADVANCED ECONOMICS. A course taking up the consideration of various economic problems. Open to all who have completed Economics 1. *Two credits, second semester.*

POLITICAL SCIENCE.

1. POLITICAL SCIENCE. An elementary course introducing the subject. (This course should be taken with Social Science 2 to make a year's course.) *Two credits, first semester.*

3. AMERICAN CONSTITUTIONAL GOVERNMENT. A consideration of the government of the United States. Open to all who have completed Political Science 1. *Two credits, first semester.*

4. COMPARATIVE CONSTITUTIONS. A study of the governments of Great Britain, France, German Empire and Switzerland. Open to all who have completed Political Science 1. *Two credits, second semester.*

SOCIAL SCIENCE.

2. SOCIOLOGY. An elementary course serving as an introduction to the study of society. (This course, although complete in itself, should follow Political Science 1.) *Two credits, second semester.*

5. SOCIAL CONDITIONS AND PROBLEMS. A consideration of the more important problems of modern society, with some attention to attempted solutions. Open to all who have completed Social Science 2. *Two credits, first semester.*

HISTORY OF ART.

PROFESSOR FARNHAM.

That students may have an intelligent acquaintance with the more important works of art in several departments, a course in the History of Art is offered. Lectures, readings, study of representative forms by the aid of photographs and prints furnish opportunity for a good general knowledge. The Library of the University contains a constantly increasing number of books that are helpful in this course.

1. ARCHITECTURE AND SCULPTURE.
2. RENAISSANCE AND MODERN PAINTINGS.

Three credits through the year.

3. ART CENTERS OF EUROPE. This course is offered to students who wish to familiarize themselves with the leading art centres of Europe in order to understand their relation to literature and art. Lectures and topical study, supplemented by photographs, and readings from Ruskin, Hawthorne, Hewlett, and other authors. *Three credits.*

LATIN.

PROFESSOR TAYLOR.

LIVY. Book XXI and selections to equal one-fourth of Book XXII. Review of grammar and constructions. Drill in sight reading. *Three credits, first semester.*

1a. PREPARATORY LATIN. A semester course in Cicero for college students with four years of Foreign Language training. Four orations of Cicero with grammar drill, etc. *Five credits, first semester.* (Omitted in 1912-1913.)

2. HORACE. Selected odes and epodes. Particular attention to prosody and literary merits. *Three credits, second semester.*

2a. PREPARATORY LATIN. A semester course in Virgil for college students having four years of Foreign Language training. Four books of the Aeneid or an equivalent with prosody constructions, etc. *Five credits, second semester.* (Omitted in 1912-1913.)

3. TACITUS. Germania or Agricola read carefully. Drill in sight reading. *Two credits, first semester.*

4. PLINY'S LETTERS. Selected letters studied and others read at sight. Collateral readings on Roman social life. *Two credits, second semester.*

5. ROMAN COMEDY. Terence's Phormio or an equivalent from this author or Plautus. General study of the Roman Drama. *Two credits, second semester.*

6. QUINTILIAN. Book X, or equivalent selections. General discussions of educational methods of the first century A. D. *Two credits, second semester.*

7. CICERO. De Senectute and selections from De Amicitia. *Three credits, first semester.*

8. SENECA'S ESSAYS. Study of a later Latin philosopher and literary man. Selected essays. *Three credits, second semester.*

MATHEMATICS.

PRESIDENT FERRIN AND PROFESSOR WEST.

1. ADVANCED ALGEBRA. This course includes Quadratics, Ratio, Proportion, Variation, Progressions, Binomials Theorem, Logarithms, Undetermined Coefficients, Permutations. Combinations, Determinants, Series, and Theory of Equations. *Four credits, first semester.*

2. TRIGONOMETRY. PLANE AND SPHERICAL. Demonstration of fundamental formulae, theory and use of logarithms, solution of triangles. Special attention is given to practical application. *Four credits, second semester.*

3. PLANE ANALYTICAL GEOMETRY. Careful study of loci and their equations. Equations of the straight line and circle. Brief treatment of higher plane curves. For Sophomores. *Five credits, first semester.*

4, 5. THE CALCULUS. Functions and principles of differentiation, maxima and minima, successive differentiation and integration, functions of two or more variables and plane curves. Special attention is given applications of the calculus to geometry, mechanics, and physics. *Five credits, second semester sophomore, and first semester junior year.*

6. MECHANICS. This is a course in theoretical mechanics and includes the treatment of moments of mass and inertia, rectilinear and curvilinear motion, kinetics of a material particle, work, energy, impulse, harmonic motion, potential energy, dynamics of a rigid body, and equilibrium of coplanar forces. Prerequisites, courses 1, 2, 3 and 4. *Five credits, second semester.*

ASTRONOMY.

8. A recitation course in general descriptive Astronomy. Elective to students who have taken Physics 1 and 2. *Five credits, second semester.*

ENGINEERING.

9. ELEMENTARY SURVEYING. Consists largely of field work, use and care of instruments, measuring and computing farm areas, running railroad curves. Attention is given also to the plotting of areas and lines. *Three credits, first semester.*

10. SURVEYING. For those who have completed course 7 or its equivalent. Adjustments of the principal instruments used in surveying, computation of cuts and fills by taking cross-sections, map drawing. A thorough survey of the college grounds is made and the result plotted. *Two credits, second semester.*

11. RAILWAYS. Surveys and construction. This course consists of railroad economics and deals with the theory of curves, turnouts and crossings. Text-book, Nagel's Manual for Railway Engineers. *Five credits, first semester.*

13. FRESHMEN MECHANICAL DRAWING. (Open to Academy students in third year). Elementary draughting. Use and care of instruments. Instruction is given in making good geometric construction, angles, right lines and the simple curves. Projections. *Two college (three Academy) credits, first semester.*

15. SOPHOMORE MECHANICAL DRAWING. Advanced work in projections. Complete drawings of a machine. Plotting to scale.

17. ROOFS AND BRIDGES. Designs of simple structures with graphic methods of computation. Complete economic design of a bridge or roof. Merriam & Jacoby's Roofs and Bridges. *Three credits, first semester.*

MINERALOGY.

PROFESSOR GILBERT.

1. ELEMENTS OF MINERALOGY. Includes the elements of crystallography, physical and chemical properties, occurrences, uses and determination of the more common minerals. Two lectures and two laboratory hours per week. *Three credits, first semester.* Must be preceded by course 1 in Chemistry. Laboratory fees, \$3.00.

2. DETERMINATIVE MINERALOGY. This course consists of the determination of minerals in the laboratory by means of

their physical and chemical properties. *Two credits, second semester.* Must be preceded by course 1. Laboratory fee, \$2.00.

MUSIC.

PROFESSOR CHAPMAN.

Credit will be given to college students for work done in Music, leading towards the degree of A. B. A maximum of ten semester hours will be allowed for regular class work in Harmony, Counterpoint, History of Music, and Musical Criticism.

A maximum of six semester hours will be allowed to the more advanced students for Practical Musical Work, upon recommendation of the Director of the Conservatory and the approval of the general Faculty.

PHILOSOPHY.

ACTING PROFESSOR BATES.

1. LOGIC. An introduction to the study of the elements of logic, with some reference to the problems of philosophy. The principles of deductive inference and the canons to inductive method are discussed. A course of interest to students of forensics and rhetoric and to those who expect to make further election in philosophy. Text book and frequent exercises. Creighton's Logic. *Three credits, first semester.* For sophomores.

3, 4. PSYCHOLOGY. A general introductory course, fundamental to further work in the department or in education. Required of all candidates for a baccalaureate degree. Prerequisite, Biology 1 and 2 or 18. Angell's Psychology is used as a text book, with collateral readings from James, Calkins and other standard authors. *Three credits, first semester. Two credits, second semester.*

6. PEDAGOGICAL PSYCHOLOGY. A text-book course in the theory and art of teaching based on psychological and ethical principles. *Two credits second semester.*

5. EVIDENCES OF CHRISTIANITY. A study of the reasons for belief in Christianity, special consideration being given to current phases of thought. Textbook and assigned readings. *Three credits, first semester.*

7. THE PHILOSOPHY OF RELIGION. A study of religions and religious systems, a comparison of Christianity with other religions—the origin of religion. Text book and collateral reading. For seniors. *Two credits, first semester.*

8. ETHICS. A study of the facts and problems of the moral life, with comparison of the principal ethical theories. Fairchild's Moral Science—with collateral readings. Required course. *Four credits, second semester.*

10. INTRODUCTION TO PHILOSOPHY. A course designed to introduce the student to the history, methods and problems of philosophy. Open to students who have completed courses 1, 3 and 4. Weber's or Rogers' History of Philosophy and lectures. *Three credits, second semester.*

PUBLIC SPEAKING.

PROFESSOR HARRINGTON.

The work in this department covers all phases of Public Speaking. Its purpose is to develop the expressive powers of the student; to broaden and strengthen his personality; to quicken his imagination and dramatic perception, and awaken him to a realization of his potentialities. Yet, apart from the general culture afforded, the technique of all its courses is designed to meet the needs of the student in a thoroughly practical way, and is adapted to those who desire special training for professional purposes.

1, 2. EVOLUTION OF EXPRESSION. The methods of instruction used in the evolution of expression are based upon the fundamental laws according to which the mind unfolds. The evolutionary processes of nature are followed in the development of the creative forces of the student. With the class as an audience he is required at every step to produce positive results, and to depend for those results upon his mental activity at the moment of speech. This feature is fundamental—because it develops his mental powers—progressive as it requires him to add something to that power at every step, and practical—inasmuch as his progress is constantly tested by his power to move an audience. Text of Charles Wesley Emerson. *Two credits, first and second semester.*

3. PRACTICAL PUBLIC SPEAKING. Offers the maximum of

practical training with the minimum of theory through the analysis and interpretation of orations and essays, and actual practice in their declamation. Text of Clark and Blanchard. *Three credits, first semester.*

4. ORATORICAL COMPOSITION AND DELIVERY. A continuation of course 2. Includes the formal study of oratorical composition as distinguished from the essay, and thorough instruction in the delivery of satisfactory orations. Text of Edwin Dubois Shuster. *Three credits, second semester.*

5. 6. EXTEMPORANEOUS SPEAKING. This course offers practical training through the extemporaneous discussion of current events and topics from history, biography, and literature—extempore arrangement of thought and phraseology—the use of story and anecdote—postprandial speaking, and the delivery of original orations. Text of James M. Buckley. May be elected advantageously in connection with courses 3 and 4. *Two credits, first and second semester.*

7, 8. ARGUMENTATION AND DEBATE. The aim of this course is two-fold—first, to produce sound thinkers; second, to train these thinkers in the clear, correct, straightforward and effective oral presentation of their own thought. Texts of Fred Lewis Pattee and William Trufant Foster.

Direct application of the principles of debate will be employed from the first. This includes exhaustive analysis of debatable propositions; formal briefing of subject matter; and class room debates.

The entire course is given with the assistance and collaboration of the instructors in the department of History and Social Sciences, and of Philosophy. One session of two hours weekly. *Three credits, first and second semester.*

9. GESTURE. Lectures upon the physiology of gesture; the evolution of gesture and its philosophy; relations of aesthetic physical culture to gesture; the influence of intuition; the distinction between the gesture of spontaneity and that of calculation; drill for the culture of the responsiveness of the nerve centers to mental concept. Study of gesture and mannerisms as indices of character. *Three credits, first semester.*

10. VOCAL TECHNIQUE. Lectures upon the physiology and hygiene of the voice. The relation of the vital and vocal

organs; fundamental conditions of voice production; relation of voice and nervous system; breath contact; tone projection; placing of tones; compass; development of resonance; flexibility, freedom, smoothness, purity, power and brilliancy of tone; eradication of faults in the use of the voice. *Three credits, first and second semester.*

11, 12. EXPRESSIVE PHYSICAL CULTURE. The "Emerson" system of physical culture is offered. It presents exercises for poise, presence, and bearing; for grace and ease of manner; for the vital organs and for strengthening the nerve centers while freeing the surfaces of the body; for respiration and harmonic movements. The faithful use of these exercises promotes health, creates strength, develops bodily poise, and grace, and beauty. *Two credits, first and second semesters.*

13, 14. READINGS—MONOLOGUE AND IMPERSONATION. The Reader's Technique: Character Delineations: Arrangement of Programmes: Dramatization of Novels: Choice, Abridgement, and Adaptation of Selections for Public Reading. Criticism and guidance of individual work. Preparation of programmes for public presentation. Monthly public recitals by qualified students. A thorough technical knowledge of the artistic principles and platform laws involved in the work of a public reader is essential to the greatest success. This course offers the reader the technique of prose and verse forms in farce, comedy and tragedy; the approved methods used in descriptive work; in objective gesture, suggestive impersonation and character delineation in its primary form. *Two credits, first and second semester.*

15, 16. DRAMATIC ART. Platform deportment. Stage business. Pantomime. Preparation and presentation of short plays. Platform deportment deals with the laws governing motion in the human body; correct sitting, standing and walking; entrance and exit; platform methods and traditions. Stage business includes costuming, grouping and tableaux; make-up; lighting and color scheme; stage management, rehearsals and performances. Pantomime presents elementary principles; correction of defects and mannerisms in bodily expression; study of emotion in its effect upon voice and gesture; facial expression. Preparation, etc., of plays includes study of farce, comedy, burlesque, melodrama, tragedy, plot, character inci-

dent, denouement; the technique of the drama; dramatic criticism; stage deportment; presentation of scenes and one-act plays. *Three credits, first and second semester.*

17. PUBLIC RECITAL. Students electing either of the Courses 8 or 9 are given the opportunity to present, in public, the work they have mastered in class. Public programs of Readings and Impersonations, and Public Presentation of Plays by the students of the department are a regular feature of the work of the College. This is the very best of practice before the very best of audiences.

PRIVATE INSTRUCTION. Private courses may be arranged with the head of the department.

SPANISH.

PROFESSOR BEN KORI.

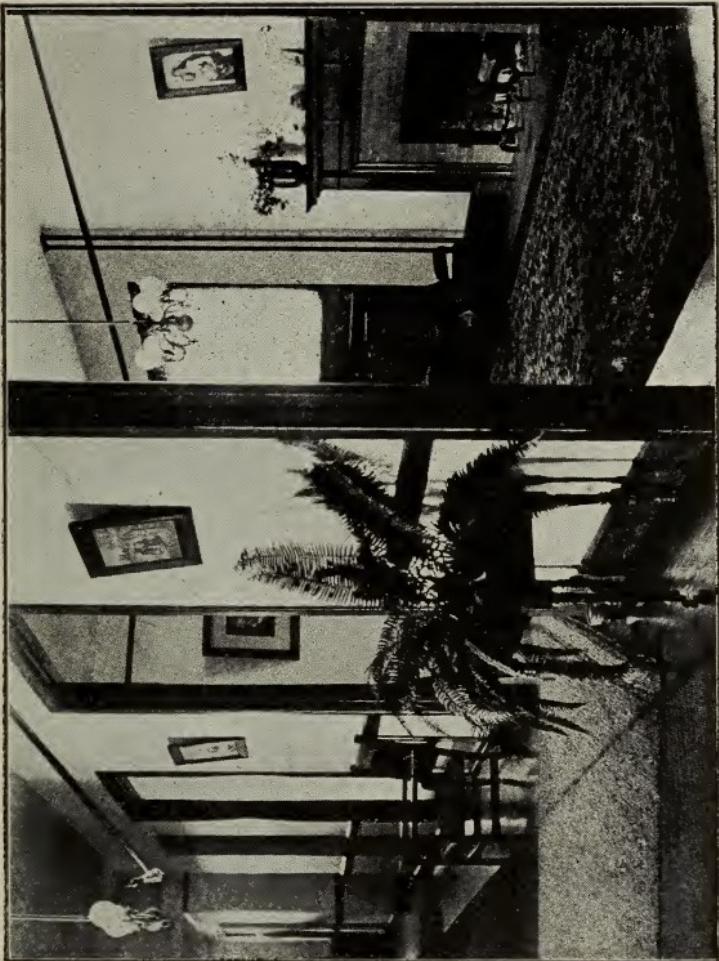
1, 2. Prerequisite, at least two years of Latin. Open only to college students. Elements of Spanish Grammar. Spanish reader. Conversational drills. *Three hours through the year.*

3, 4. Study of Modern Spanish novels and plays Alarcon, Isla, Galdos, Moratin, Echegaray, Nunez, Valera and Larra. Collateral readings and reports. *Three hours through the year.*

5, 6. Prerequisites, 3, 4. Spanish Literature of the sixteenth and seventeenth centuries. Particular attention is given to Cervantes, Vega and Calderon. *Three hours through the year.*

7, 8. Early Spanish. For students taking their major in the Romance Languages. Text: Keller's Altspanisches Lesebuch. Morphology. Historical readings. *One hour through the year.*

Interior, Herrick Hall



THE ACADEMY

The Academy is under the immediate charge of the Principal and his Assistants. The college Faculty has general direction regarding the course of study and discipline.

PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the different groups of studies offered in the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be open to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper, the student must have completed work equivalent to that of the eighth grade of the public schools. For admission to advanced standing the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered, or its equivalent. It is desired and advised that students begin their studies at the opening of the First Semester, and enter one of the regular courses.

REPORTS.

A record of the work of each student is kept, and at the close of each Semester a report is sent to the parent or guardian.

ACCREDITED SCHOOLS.

Hood River Grammar School, Hillsboro Grammar School, Joseph Grammar School, Union Grammar School,

Goldendale Grammar School, North Yamhill Grammar School and High School, Park Place Grammar School, Forest Grove Grammar School, and Mitchell Grammar School.

Schools which desire to have their pupils thus admitted are requested to send to the Principal of the Academy their courses of study. All certificates should, if possible, be sent before Commencement.

EXAMINATIONS.

Examinations are held in each subject at the end of each Semester, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one Semester.

STUDY HOURS.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required:

Study Hours, except on Saturday and Sunday, are from 9 a. m. to 12 m. and from 1:15 to 4 p. m.

CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to corresponding courses in college.

For information concerning expenses and regulations, see pages 21 to 24.

OUTLINE OF COURSES

GROUP I.			GROUP II.		
First Year.	S1	S2	First Year.	S1	S2
Latin,	5	5	Latin,	5	5
English,	5	5	English,	5	5
History,	5		History,	5	
Algebra,		5	Algebra,		5
Bible,	1	1	Bible,	1	1
Second Year.			Second Year.		
Second Year.	S1	S2	Second Year.	S1	S2
Latin,	5	5	Latin,	5	5
Algebra,	5	5	Algebra,	5	5
English,	4	4	English,	4	4
History,	4	4	History,	4	4
Bible,	1	1	Bible,	1	1
Third Year.			Third Year.		
Third Year.	S1	S2	Third Year.	S1	S2
Latin,	5	5	Latin, French or German	5	5
Greek,	5	5	English,	5	3
Geometry,	5	5	Geometry,	5	5
Mechanical Drawing,	3		Mechanical Drawing,	3	
Speaking,		2	Astronomy,		5
Bible,	1	1	Bible,	1	1
Fourth Year.			Fourth Year.		
Fourth Year.	S1	S2	Fourth Year.	S1	S2
Latin,	5	5	Latin or English,	5	
Greek,	5	5	Botany,		5
Rhetoric,	3	3	French or German,	5	5
Physics,	5	5	Rhetoric,	3	3
Bible,	1	1	Physics,	5	5
			Bible,	1	1

Note.—Spelling will be required when necessary.

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

LATIN AND GREEK. The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading four books of Caesar, six orations of Cicero, six books of Vergil's Aeneid or the equivalent, and four books of Xenophon's Anabasis, accompanied by more advanced work in Grammar and Prose Composition. During the last two terms of the course special attention is given to Greek and Roman Literature.

Text-books: Collar & Daniell: *First Year Latin*; Allen & Greenough: *Latin Grammar*; Kelsey: *Caesar and Cicero*; any good edition of Vergil; Allen & Greenough: *Ovid*; Goodwin: *Greek Grammar*; White: *First Greek Book*; Botta: *Handbook of Universal Literature*; Bullfinch: *Age of Fable*; D'Ooge: *Latin Prose Composition*; Pearson: *Greek Prose Composition*.

MODERN LANGUAGES—

FRENCH. First year. Elementary Academic. Prerequisite, four semesters of Latin. Elements of Grammar (Thieme and Effinger has been used). Composition. *Five credits through the year.*

Second year. Elementary Academic. Prerequisite, first year French. Syntax drill. Reading of scientific prose. Study of French representative authors. Composition. Conversation. *Four credits through the year.*

GERMAN. First year. Elementary Academic. Prerequisite, two years of Latin. German grammar. Reader. Composition. *Five credits through the year.*

Second year. Elementary Academic. Prerequisite, first year German. German syntax. Scientific German. Modern German novels and plays. *Five credits through the year,*

MATHEMATICS. A year and a half is given to the study of Algebra, beginning with the second semester of the first year.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text-books: Milne's *Elementary Algebra*, and Wentworth's *Plane and Solid Geometry*.

MECHANICAL DRAWING. This course is designed to teach the use of drawing instruments and includes the construction of mechanical drawings and sketches of machines. Courses in more advanced work may be offered later.

ENGLISH. The purpose of the work in English, which covers the four years of the Academy course, is primarily to train the student to express himself correctly and accurately in both oral and written speech forms. It also seeks to create a taste for the best literature and to develop the imagination, which is too often dwarfed by wholly analytical methods. The classics studied and read are selected in accordance with the regular college entrance requirements.

First year: (1) English Composition; a careful study of narration and description; (2) Speaking; the telling of fables and folk tales before the class; (3) Reading; for thought and interpretation; (4) a. Classics for careful study: *The Vision of Sir Launfal*, *The Ancient Mariner*, *The Sketch Book*, *Julius Caesar*; b. for reading: *Ivanhoe*, *Silas Marner*. Five credits through the year.

Second year: (1) Outlines of Rhetoric; (2) *Myths of Greece and Rome* told before the class; (2) a. Classics for study: *The Lady of the Lake*, *The Merchant of Venice*, *Sohrab and Rustum*, *Sir Roger de Coverley*; b. for reading: *The Vicar of Wakefield*, *Treasure Island*. Four credits through the year.

Third year: (1) Exposition; a detailed study of the various phases of explanation, including the outline, the summary, criticism, appreciation, etc.; (2) Speaking: Lyrics and short stories spoken before the class; (3) Weekly Themes; (4) a. Classics for study: Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*, Palgrave's *Golden Treasury*, *Macbeth*; b. for reading: *Lorna Doone*, *The House of Seven Gables*. Five credits, first semester; three, second semester.

Fourth year: (1) Principles of Rhetoric; (2) Formal essays, argumentation; (3) Vocal Expression; problems in expression, followed by longer selections; (4) a. Classics for study: Milton's *L'Allegro* and *Il Penseroso*, *Comus* and *Lycidas*, Burke's *Speech on Conciliation*, Carlyle's *Essay on Burns*; b. for reading: *The Oregon Trail*, *Henry Esmond*; (5) One public declamation before the Academy during the year. Three credits through the year.

Text-books used in English :

First year: *English Composition*, Hanson.

Second year, *Composition Rhetoric*, Blaisdell; *Myths of Greece and Rome*, Guerber.

Third year; *Manual of Composition and Rhetoric*, Gardiner, Kittredge and Arnold.

Fourth year: *Composition and Rhetoric*, Espenshade; *The Working Principles of Rhetoric*, Genung.

PHYSICS. A practical laboratory course, illustrating the elementary principles. Text-book : Millikan and Gale. Fee, \$2.00. *Five credits through the fourth year.*

ASTRONOMY. Elementary course. Text-book ; *Todd's New Astronomy*. *Five credits, first semester;*

BOTANY. Elementary course. Recitations, two hours; laboratory, six hours. Text-book, Bergen: *Elements of Botany*. Laboratory fee, \$2.00. *Five credits, second semester.*

HISTORY. Greek and Roman History are taught during the first semester of the first year. General European History from the fall of the Roman Empire during the second year.

Text-book : Myers : *Ancient History*; Robinson : *History of Western Europe*, and other books.

BOOK-KEEPING is taught as a special study. It is given to meet the wants of pupils who need this study, and at the same time wish a more thorough general education than can be secured at a business college.

Text-book : Williams & Rogers: *Office Routine and Book-keeping.*

SHORTHAND AND TYPEWRITING. A year's training in Shorthand and Typewriting, under an experienced instructor, together with Bookkeeping, Grammar, Arithmetic, Spelling and Penmanship provide a practical business course for those who do not care for a more extended stay at a business college. Students who wish to make business training their chief aim may thus serve their purpose and at the same time enjoy the privileges and benefits of attendance at the University. Those who wish the business branches may also elect studies in the

College or Academy courses, and one or more of the business subjects may be taken, upon payment of the special fee by those pursuing a regular course.

The tuition for either Stenography or Typewriting is \$7.50 per semester. If Stenography, Typewriting and Bookkeeping are taken together, the tuition is \$16.00 per semester, including the use of the machine. The tuition for any two of these branches is \$11.00 per semester.

BIBLE STUDY. First year. Content study of the Pentateuch. This course serves as an introduction to the study of Biblical Literature, and to give a right viewpoint from which to pursue Biblical study. *One credit through the year.*

Second year. **A HARMONY OF THE GOSPELS.** The intent of this course is to give a comprehensive view of the four Gospels. *One credit through the year.*

Third year. **THE GOSPEL OF LUKE.** *One credit through the year.*

Fourth year. **THE GOSPEL OF MATTHEW.** *One credit through the year.*

PRIZES. On "Academy Day," at Commencement, a prize declamation contest is held among six members of the Fourth Year Class, for which two gold medals are awarded.

A gold medal is also awarded to the member of the Fourth Year Class attaining the highest standing in scholarship during the last two years of the Academy course.

In June, 1911, the medals for declamation were awarded to Rosa Freidericka Blucher and Benjamin Harrison Reeher. The medal for scholarship was awarded to Elizabeth Margaret Carlyle.

CONSERVATORY OF MUSIC

PROFESSOR CHAPMAN, DIRECTOR

The Conservatory of Music, as one of the departments of the University, is under the same general management as the other departments and under the special direction of Professor F. T. Chapman, who, with assistant teachers, offers courses in Vocal, Piano, Organ and Violin; also courses in Harmony, Theory, History of Music, Ensemble and Choral Work.

The faculty comprises teachers who are specialists in their several departments and who have had exceptional advantages of study, they themselves having been successful and private pupils of some of the greatest teachers and artists, both in America and Europe.

The aim of the Conservatory is to give the best and most comprehensive instruction with the smallest possible expense to the student.

FREE PRIVILEGES. All the recitals by the pupils, the ensemble work, where the pupil is sufficiently prepared, and the choral work are free to pupils, a mere nominal fee for sheet music attaching to the latter. The educational value of the free recitals at Pacific University is very great to the music student. During the past year a large amount of the classic literature for the piano and violin has been presented in the recitals. These works embraced many master works never given in the Northwest before. Students in music desiring to become professional players, teachers or accompanists, are given every assistance possible, both in their study and also in their professional careers when their musical course is finished. This department of the Conservatory is for the training and development of artists. What measure of success has attended the efforts of the Conservatory is attested by those who have heard the more advanced pupils in individual recitals and seen the quality of work presented by those students. But in the

belief that music is an important part of the education due every student who desires a broad education, and who wants culture and cultivation in general, the Conservatory also offers courses not so strenuous, and of only sufficient work to enable the student successfully to accomplish other college or academic work each semester. Students receive, free, the benefit of appearing on recital programs several times a year when sufficiently advanced.

PIPE ORGAN. A pipe organ, for which the Conservatory has asked friends at various times to contribute, promises to become a reality in the near future. A competent teacher will be provided when the organ is installed. An organ course leading to graduation will be offered by the Conservatory, and numbers on or with that instrument will be added to the concert and recital programs.

ORCHESTRA. The College Orchestra, which has been doing faithful work for several years, has in the past year shown a marked advance in every way. It has advanced artistically and technically to a degree quite unusual in a college organization. The numbers given by the orchestra on many programmes in the past year have been popular features of recitals and concerts.

A cordial invitation is extended to all students who are able to play upon orchestral instruments, particularly the violin, cello, the flute, trombone, viola, oboe and clarinet, to become members of the orchestra.

MALE QUARTET. The Male Quartet has made commendable progress in the past year. In conjunction with the orchestra it has given a number of successful concerts, both at home and in other cities. Students who have promising voices which they wish to cultivate will find an opportunity for valuable training, and are invited to try for solo and quartet work.

ARTISTS' COURSE. No less important than lessons is the hearing of great artists. The Director expects to present a course of recitals and lectures by foreign and home artists, which will be educational and comprehensive.

ADVANTAGES. Music students who have paid the library fee have access to the library of the University, which is fully adequate, musically, for research and study.

The Director will hear the pupils of the first assistant teachers in the presence of the teachers at least once each semester. He will hear the pupils of the second assistant teachers several times each semester. No superficial work will be tolerated in teachers or pupils, and the best artistic results possible will be required by the Director in all departments.

DIPLOMAS. Diplomas are awarded by the Trustees of the University to students who have satisfactorily completed the course in piano, violin and voice. Graduate work is also offered graduate and professional students and teachers. The course is planned for from one to three years, according to the individual requirements of the student.

Candidates for graduation must have completed a course of academic study equivalent to that of Tualatin Academy.

BRANCH STUDIO.

The Conservatory has made arrangements to open a branch studio in Hillsboro, Oregon, for the convenience of students who may desire to have the benefits of Conservatory work but are unable to come to the University each week for their lessons. Instruction will be given in piano, voice and violin, in case the demand is sufficient to warrant the formation of classes in these lines of work.

Students in the Branch Studio will have the same careful supervision as the College Conservatory students. They will also enjoy the same privileges in recital work, ensemble, chorus and orchestra, harmony, history of music, etc., as students residing at the University.

This extension movement of the Music Department is in the nature of an experiment. It is confidently expected, however, that it will prove mutually so beneficial to students in Hillsboro and the University Conservatory that it will become a permanent feature of the department.

Pupils of the Conservatory are not eligible to appear in any public performance without the consent of both the teacher and the Director.

THEORY OF MUSIC.

The work may be outlined as follows:

NOTATION. The Theory of Rhythm and Tonality. Principles of simple chord construction.

HARMONY. Richter's Principles of Four-Part Composition; modulations and harmonic accompaniments to selected and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to an original cantus firmus.

Strict and Free Counterpoint, two or four parts—Imitation, Canon, Fugue, Composition.

HISTORY.

It is the aim in this course to study the outlines of musical progress from the time of the most ancient civilization to the present.

The History of Music Society has been formed under the auspices of the Director and music teachers. All the more advanced students are eligible. The meetings are held twice each month. The purpose of the organization is to cover as adequately as possible the more important facts of musical history, as well as to do some work in analysis. The work includes, besides the rendering of musical selections, research and the presentation of original papers. The intention is not to allow superficial attempts, but to plan the most comprehensive course. The well selected and rare books in the library offer ample opportunity for original investigation. Members of the club who have not studied Harmony are expected to take that course in the Conservatory. No fees attach to the joining of the Society, except the library fee of \$1.50.

Although not compulsory, it is advisable that pupils in all departments take two lessons per week.

No lesson missed by the pupils can be made up.

No pupils are received for less than an entire semester, or such portion of it as remains after entrance.

Tuition for the term must be paid in advance, and no deduction will be made for absences unless by special arrangement.

Music students taking two lessons a week in voice culture, piano, or violin study will be permitted to take one subject in Academy or College without other charge than the incidental fee.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that satisfactory adjustment of them has been made.

Pupils may select their teachers, providing the teacher's time is not full.

It is estimated that the average necessary expenses for a college year range from a minimum of \$225.00 to a maximum of \$500.00 for the music student.

For further information, address the Director of Pacific University Conservatory after June 21, 1912.

FRANK THOMAS CHAPMAN,

524 Elizabeth St., Portland, Oregon.

Portland Heights, Portland, Oregon.

COURSES OF STUDY.

THE PIANO-FORTE.

PREPARATORY.

Kohler's Method.

Arpeggios, Scales, Selected Czerny Studies, Heller's Etudes, Kuhner Etudes, Bach, Sonatinas by Clementi, Kuhlau, Sonatas by Haydn, Mozart. Easy pieces.

ACADEMIC.

Etudes, Czerny; Heller op. 46 and 47; Cramer, Studies; School of Octave Playing, C. H. Doring; Kuhner Etudes; Octave Studies, Low; Cramer, Etudes; Studies, Taussig; Sonatas Beethoven; Concert Works, Mendelssohn, Schumann; Well-tempered Clavichord. Bach; Concert Works, Chopin, Grieg, Rubinstein, St. Saens, MacDowell, etc.

COLLEGIATE.

Etudes, Op. 10 and 25, Chopin; Octave Studies, Czerny; Doring, Octave Studies; Octave Studies by Kullak; Studies in Double Thirds, Taussig. Gradus Ad Parnassum, Clementi; 24, Studies, Moscheles. School Advanced Piano Playing by Rafael Joseffy; Concertos and Concert Works, Chopin, Schumann, Beethoven, Liszt, Rubinstein, St. Saens, Schutt, Grieg, etc.

VIOLIN.

PREPARATORY.

David or Hermann's Violin method.

Daily Exercises, Schradieck; Etudes, Kayser, Mazas. Easy pieces by Dancia, J. Weiss; Papini, Hauser, etc.

ACADEMIC.

David's Method, second part.

Etudes, Kreutzer; Daily Exercises, Schradieck; Studies in Thirds, Sixths, Octaves; Etudes; Fiorillo; Concertos Concert Pieces by DeBeriot, Kreutzer, Rode, Alard, Vieux-temps, Wieniawski, etc.

COLLEGIATE.

Caprices, Rode; Studies, Paganini; Sonatas, Concertos and Concert Pieces by Paganini, Mendelssohn, Beethoven, Bach, Spohr, Bazzini, Wieniawski; Sarasate, etc.

VOICE CULTURE.

In this department special attention is given to a natural and skilful management of the breath, and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern; Ballads, Thoroughly Composed German Songs and selections from Oratorio and Opera.

PREPARATORY.

Voice development, principles of breathing.

Voice placing, sight singing (if necessary).

Exercises by Abt, Sieber, Lamperti, English songs.

First year of Piano-forte course (a) (b).

ACADEMIC.

Vocalises by Vaccai, Marchesi, Lamperti, Concone, Italian pronunciation, Italian and English songs.

Harmony: Two semesters. Chorus class, and the Arias in the Cantatas studied by the chorus class.

COLLEGIATE.

Advanced vocalises.

Italian, English, French and German songs.

Concert, Oratorio, and Arias from the Italian, German and French Opera.



TUITION—TWO TERMS PER YEAR.

Terms, 18 Weeks Each.

Lessons with Prof. F. T. Chapman, private lessons—

2 per week (one-half hour each) at \$2.00 approximately)	\$ 75.00
1 per week (one-half hour each) at \$2.00-----	37.50

Class lessons—

2 per week (four in a class), each-----	37.50
1 per week (four in a class), each-----	20.00

Madam Pauline Miller-Chapman, private lessons—

2 per week (one-half hour each) at \$3.00-----	108.00
1 per week (one-half hour each) at \$3.00-----	54.00

Class lessons—

2 per week (four in class), each-----	42.50
1 per week (four in class), each-----	22.50

Private Lessons, Piano, Organ and Voice—First Assistant—

2 per week (one-half hour each)-----	22.50
1 per week (one-half hour each)-----	12.00

Lessons with Second Assistant—Private Lessons.

Piano and Organ and Voice.

2 per week (one-half hour each)-----	17.00
1 per week (one-half hour each)-----	9.00
Harmony (per term in class)-----	10 00

Rent of Piano, per month (1 hour per day)-----	\$0.50 to \$0.75
Rent of Piano, per month (2 hours per day)-----	1.00 to 1.25
Rent of Piano, per month (3 hours per day)-----	1.50 to 1.75

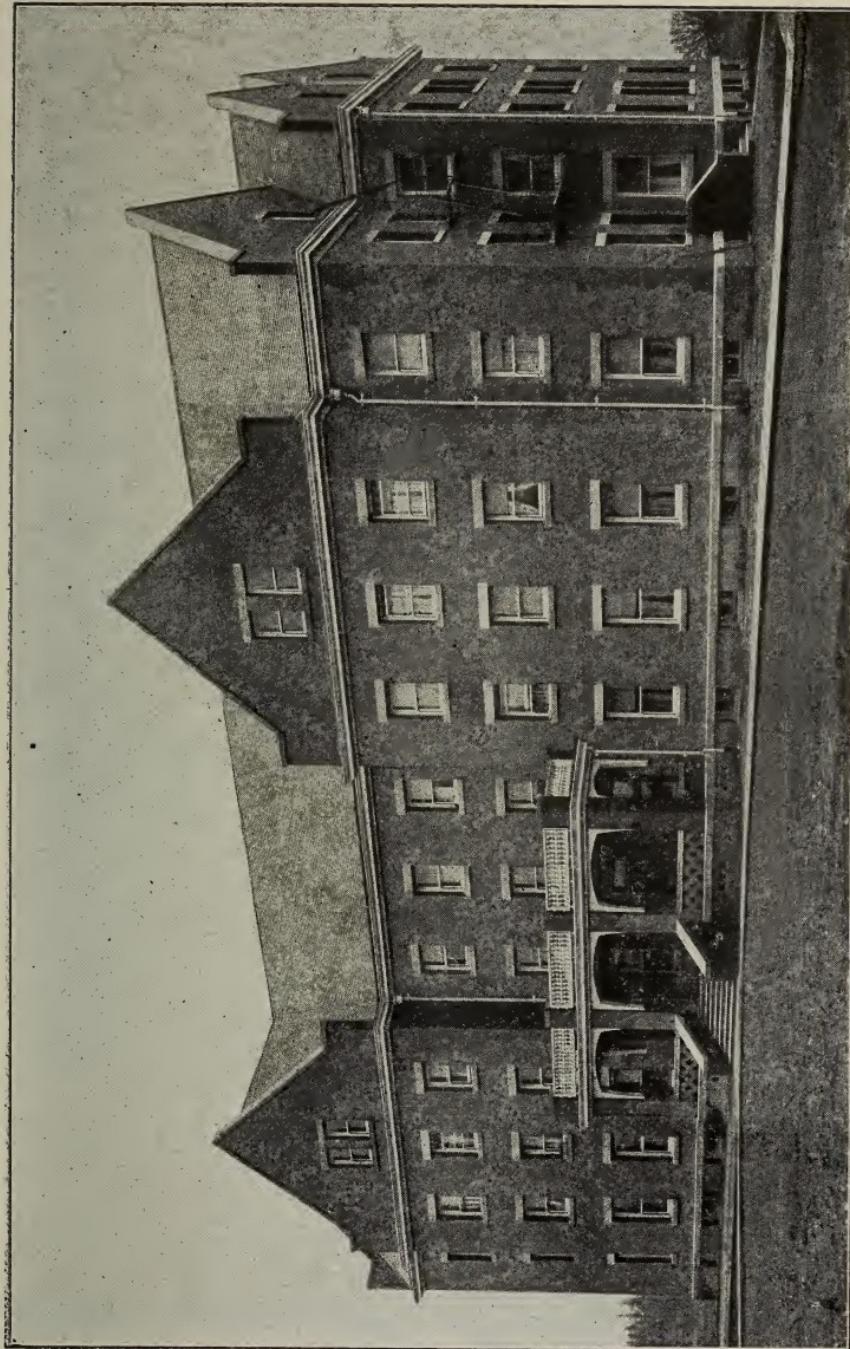
Pupils may make special arrangements with the Director for hours of piano practice.

The Conservatory will also have branch studios in Portland. For the sake of uniformity, the prices of private lessons are printed above, as they will be in Portland. Owing, however, to the assistance given the Conservatory at Pacific University by the College, a discrimination will be made, allowing a difference of 10 per cent discount on private lessons taken of Professor or Mrs Chapman at Pacific University Conservatory. This does not apply to their class lessons nor to the private lessons from assistant teachers.

The Conservatory has at present no scholarship funds with which to aid worthy and talented music students. But it is disposed to assist such students to secure an adequate musical training. It has methods and plans of its own along this line, and no ambitious student having unmistakable talents in music need feel that he is debarred from securing a musical education at Pacific University Conservatory on account of financial difficulty.



Hall of Residence for Women



COLLEGE STUDENTS.

1911-1912.

GRADUATE STUDENTS.

Bratzel, Ernst, A. B., Pacific University,
1909 Brainerd, Minn.

SENIORS.

Bryant, Sumner Elihu	Clatskanie
Bunday, Maude Belle	Forest Grove
Bunday, Myrtle May	Forest Grove
Gould, Vernon Vincent	Forest Grove
Hope, Leslie Lisle	Vale
Murie, Olaus Johan	Moorhead, Minn.
Rasmussen, Jennie Christine	Forest Grove
Taylor, Donald John	Forest Grove
Taylor, Marion Sayle	Liberty, Mo.
Turner, Harlan Joseph	Cleone
Ward, Charles Edwin	Kelso, Wash.

JUNIORS.

Austin, Levi Fulham	Forest Grove
Bishop, Helen Cornelia	Forest Grove
Courtney, Genevieve Montague	Portland
Ferrin, Holman Boynton	Forest Grove
Gaylord, Ruth Eleanor	Centralia, Wash.
House, Earl Lafayette	Forest Grove
Leonard, Thomas	Portland
Livingston, William Kenneth	Forest Grove
Markee, Archie Sherman	Portland
Shaver, Homer Tipton	Portland
Whealdon, Jerrine	The Dalles

SOPHOMORES.

Bishop, John Egbert	Forest Grove
Boone, William Renick	Wellsville, Kans.
Chalmers, Esther Emily	Cornelius
Leonard, Elizabeth	Portland
Taylor, Ada Frances	Forest Grove
Taylor, Howard Rice	Forest Grove
Thomas, Grace Margaret	Forest Grove

FRESHMEN.

Abraham, Keith Myron	Forest Grove
Avison, Joshua Bothwell	Oregon City
Benjamin, Harold Raymond Wayne	Forest Grove
Berglund , Fanny	Astoria
Berreman, George Curtis	Philomath
Boldrick, Mary Helen	Forest Grove
Bryant, Raymond Hamilton	Clatskanie
Cady, Ruth Hills	Beaverton
Carlyle, Ava Sarah	Forest Grove
Carlyle, Elizabeth Margaret	Forest Grove
Connet, Carl Herbert	Forest Grove
Davies, Hazel Mary	Astoria
Donaldson, Ivan	Tillamook
Grosse, Frederic Bernard	Langdon, Alberta, Can.
Harbison, Hester Elizabeth	Hillsboro
Hoagland, Jay S.	Chehalis, Wash.
Kessi, Georgiana	Harlan
Lilly, Martha Maude	Gales Creek
Lund, Alice May	Hillsboro
Macrum, Rita	Forest Grove
Mayfield, Benjamin Harrison	Chehalis, Wash.
Olson, Zenas Austin	Sherwood
Ostrander, Clinton Edgar	Salem
Roe, Kate Ethel	Gaston
Schmidtke, Fred Ewald	Forest Grove
Shaffer, Evia	Myrtle Creek
Sigler, Julia Augusta	Hillsboro

Tamiesie, Lura Babette	Hillsboro
Thomas, Ruth Hale	Forest Grove
Vermilyea, Minerva	Forest Grove
Witting, Arthur Frederick	Chehalis, Wash.

UNCLASSIFIED.

Arant, Perry Burton	Monmouth
Barnett, Ira Frederick	Wasco
Chandler, Grace Louise	Portland
Clapp, Edson Dwinell	Washougal, Wash.
Goodrich, Morris	Vancouver, Wash.
Lowell, Margaret	Pendleton
Minkler, Norma	Ashland
Morrison, Rose Ann	Eugene
Nicolls, Edith May	London, Eng.
Spillman, Esther Margaret	Boring
Webb, Ernest Garfield	Forest Grove

ACADEMY STUDENTS.

1911-12.

FOURTH YEARS.

Bechen, Martha Henrietta	Oreenco
Briggs, Elizabeth Marguerite	Dilley
Brown, Ruth Forbes	Heppner
Burlingham, Vernon	Forest Grove
English, Ethel Maude	Forest Grove
Hope, Norma Emeline	Vale
McNeill, Charles Lachlan	Airdrie, Alberta, Can.
Mills, Edna Lola	Forest Grove
Mills, Ralph Ira	Forest Grove
Money, Marion Cecil	Powell River, B. C.
Rasmussen, George Morris	Forest Grove
Rasmussen, Robert James	Forest Grove
Thomas, Mildred Lucy	Forest Grove
Tupper, Warren Ernest	Cameron, Idaho
Wegman, Charles Beecher	Portland
Wiest, Laura May	Skamokawa, Wash.

THIRD YEAR.

Abraham, Paul	Forest Grove
Acker, Freda Margaret	Washougal, Wash.
Agnew, Sarah Ellen	Portland
Frost, Reuben Willard	Monmouth
Haan, Stella Marinne	Forest Grove
Haines, Ruth Josephine	Forest Grove
Hall, Geneva Lilyan Siegfried	Grants Pass
Hope, Elizabeth	Vale
Jones, Margaret Burton	Forest Grove
Kirry, Zola Marguerite	Forest Grove

Livingston, Edward Meakin	Forest Grove
Loynes, Carrie Elida	Forest Grove
Osburn, Orren Edgar	Mosier
Reeher, Max Moore	Wilson
Rogers, Harold Parmalee	Forest Grove
Sage, Ellie Marie	Forest Grove
Sturdevant, Martin Leroy	Cornelius

SECOND YEAR.

Goodman, Byron Matthew	Cornelius
Ingram, Janet Graham	Cathlamet, Wash.
Miller, Jenness Lola	Forest Grove
Snipes, Anna Jeannette	The Dalles
Steele, Bella Jane	Mt. Hood
Taylor, Elbert John	Forest Grove
Waite, Wayne Henry	Mapleton

FIRST YEAR.

Abraham, Gaylord Bryan	Forest Grove
Beers, Frank Elijah	Cornelius
Haines, Grace Elizabeth	Forest Grove
Lee, Edda	Holbrook
Marsh, Agnes Alma	Aurora
Money, Marjorie Jane	Powell River, B. C.
Moroney, Lester	Rockaway
Robertson, Robina May	Galice
Smith, Harriet Edna	Banks

UNCLASSIFIED

Anderson, Helen Lou	Reedville
Buchanan, Robert Cochrane	Portland
Dick, Katherine	Forest Grove
Hannan, Ralph	Buxton
Himpel, Ramona	Clatskanie
Knighten, Wily Willis	Grass Valley
McFeeters, Harold Reed	Forest Grove

Miller, Gail James	Forest Grove
Morrison, Nellie	Eugene
Schainer, Charles Herman	Burlington, Ill.
Smith, Earl Duncan	Fossil
Sourilas, Dimetrios Nikolas	Xirochori, Greece
Taylor, Anna Belle	Forest Grove
Winchell, Edith J	Hood River

STUDENTS IN CONSERATORY OF MUSIC

Abernethy, Camilla	Forest Grove
Acker, Freda Margaret	Washougal, Wash.
Agnew, Sarah Ellen	Portland
Anderson, Helen Lou	Reedville
Arant, Perry Burton	Monmouth
Berglund, Fanny	Astoria
Berreman, George Curtis	Philomath
Bettis, Pearl	Hillsboro
Bishop, Helen Cornelia	Forest Grove
Blackburn, Delbert	Hillsboro
Boldrick, Dorothy Charlotte	Forest Grove
Borthwick Bertha	Hillsboro
Bowman, Blanche	Hillsboro
Brandenburg, Clara	Oreenco
Brobst, Mary	Portland
Carlyle, Mildred	Forest Grove
Caudle, Earl	Hillsboro
Chalmers, Elizabeth	Cornelius
Chalmers, Esther Emily	Cornelius
Chandler, Grace Louise	Portland
Chapman, Anna Katherine	Portland
Chapman, Frank Miller	Portland
Chapman, Harmon Marbold	Portland
Clapp, Edson Dwinell	Washougal, Wash.
Clarke, Mrs. Fern	Hillsboro
Cronin, Mrs. Lydia	Hillsboro
Dick, Katherine	Forest Grove
Davis, W. L.	Hillsboro
Elder, Lillian Belle	Forest Grove
Famme, Laura Leone	Yamhill
Ferrin, Haskell Ela	Forest Grove
Ferrin, William Nelson, Jr.	Forest Grove
Flurry, Faustina	Hillsboro

Foote, Edward	Hillsboro
Forbis, Marjorie	Portland
Frentzel, Celia	Hillsboro
Glaisyer, Violet Maud	Forest Grove
Goodin, Estelle	Hillsboro
Goodwin, Helen	Portland
Gould, Vernon Vincent	Forest Grove
Graham, Leone	Forest Grove
Haid, Usona	Oreenco
Haines, Grace Elizabeth	Forest Grove
Haines, Ruth Josephine	Forest Grove
Harbison, Blanche Irene	Hillsboro
Heim, Esther	Hillsboro
Heim, Louisa	Hillsboro
Heindale, Mrs. D.	Oreenco
Heisler, Katie	Gales Creek
Hillyard, Flora Lynetta	Forest Grove
Himpel, Ramona	Clatskanie
Holmes, Martha Fredericka	Forest Grove
Hope, Elizabeth	Vale
House, Liola Mary	Forest Grove
Helzel, Katherine Elizabeth	Hillsboro
Ingram, Janet Graham	Cathlamet, Wash.
Johnson, Agnes	Carlton
Johnson, Isabel	Gaston
Kessi, Georgiana	Harlan
Kuntz, Frieda	Hillsboro
Klupper, Susan	Portland
Larue, Eleanor Erdilla	Forest Grove
Lathrop, Elsie	Forest Grove
Littlehales, Margaret Elizabeth	Forest Grove
Littlehales, Winifred Ann	Forest Grove
Littler, Florence Elizabeth	Forest Grove
Lowell, Margaret	Pendleton
Loynes, Carrie Elida	Forest Grove
Mahon, James	Hillsboro
Markee, Archie Sherman	Forest Grove
Marshall, Katherine	Cresco, Iowa

McClure, Mrs. Margaret	Hillsboro
McCormick, Irene	Orenco
McCoute, Helen	Hillsboro
McCoy, Mrs.	Orenco
MeEldowney, Helen Russell	Forest Grove
McNeil, Charles Lachlan	Airdrie, Alberta, Can.
Mincemoyer, Helen	Orenco
Minkler, Norma	Ashland
Moore, Reine	Forest Grove
Morrill, Maud	Hillsboro
Newman, Anna Jane	Forest Grove
Olson, Helen	Orenco
Ostrander, Clinton Edgar	Salem
Parker, Wilda	Hillsboro
Payne, Glenn	Hillsboro
Peterson, Carl	Hillsboro
Peterson, Goldie Roverta	Forest Grove
Potts, Mrs. Harriet Yoder	Portland
Richardson, Cornelius Thomas	Forest Grove
Robertson, Robina May	Galice
Robinson, Mary	Hillsboro
Roe, Charles Bruce	Forest Grove
Rushlow, Marie	Hillsboro
Rushlow, Mildred	Hillsboro
Sager, Delia	Hillsboro
Sample, Claire	Hillsboro
Schmelzer, Hazel	Hillsboro
Shaffer, Evia	Myrtle Creek
Shaver, Homer Tipton	Portland
Shirey, Mrs. May	Portland
Shute, Gladys	Hillsboro
Shute, Rena	Hillsboro
Shute, Tracy	Hillsboro
Slusser, Leah	Portland
Slusser, May	Portland
Smith, Earl Duncan	Fossil
Smith, Harriet Edna	Banks
Snipes, Anna Jeannette	The Dalles

Sorenson, Lester	Hillsboro
Spillman, Esther Margaret	Boring
Taggart, Bell	Hillsboro
Taggart, Lawrence	Hillsboro
Taylor, Ada Frances	Forest Grove
Taylor, Francis Emery	Forest Grove
Taylor, Margaret Olive	Forest Grove
Thomas, Grace Margaret	Forest Grove
Thomas, Mildred Lucy	Forest Grove
Thomas, Ruth Hale	Forest Grove
Thornburgh, Glenn	Forest Grove
Trullinger, Rita	Hillsboro
Turner, Katherine	Portland
Tupper, Emma Beatrice	Hillsboro
Tyson, Neil	Portland
Vetter, Edna Marie	Hillsboro
Walker, Charles Lovell	Forest Grove
Ward, Charles Edwin	Catlin, Wash.
Watson, Ruth	Gaston
Wiest, Laura May	Skamokawa, Wash.
Wilcox, Helen	Hillsboro
Wilcox, Mary Elizabeth	Yamhill
Wilkes, Lena	Hillsboro
Winchell, Edith J.	Hood River

SUMMARY OF STUDENTS.

College	72
Academy	63
Conservatory of Music	135
Total	270
Deduct number counted more than once	36
Total number of different students for the Academic year 1911-1912	234

OFFICERS OF THE ASSOCIATE ALUMNI.**President.**

Arthur E. Yoder, 1902 Portland

Vice-President.

Dora E. Baker, 1911 Hillsboro

Secretary and Treasurer.

Daniel D. Bump, 1906 Forest Grove

ALUMNI.

1863

*Harvey W. Scott, A. M., Editor-in-Chief, Oregonian, Baltimore, Md., 1910

1866

Geo. H. Durham, A. M., Attorney-at-Law Grants Pass

*Myron Eells, A. B., D. D., Congregational Clergyman, Twana, Wash., 1907

Edward B. Watson, A. M., Attorney-at-Law, 601 Madison Portland

1867

John Q. A. Bowlby, A. M., Attorney-at-Law Astoria

David Raffety, B. S., M. D., Physician, 9½ Grand Ave. Portland

J. Elkanah Walker, A. M., D. D., Missionary A. B. C. F. M. Shaowu, China

1868

Charles C. Hall, A. M., Farmer Portland

*Thomas H. Tongue, A. M., Congressman, Washington, D. C., 1903.

1869

- Harriet Hoover, M. S. (Mrs. Benton
Killin), 203 Thirteenth Portland
*Jacob Hoover, A. M., Banker, Spo-
kane, Wash., 1898.
*Raleigh Stott, A. M., Attorney-at-
Law, Portland, 1901

1870

- Georgiana Brown, M. S. (Mrs. John
Q. A. Bowlby) Astoria
Phoebe I. Clark, M. S. (Mrs. Na-
poleon Davis) Aurora, Route 3
Addison A. Lindsley, A. B., Pres.
Cedar Products, 336 Sherlock
Bldg. Portland
Candace A. Neal, M. S. (Mrs. H. B.
Luce) Eddyville
*Frank L. Stott, A. B., Gaston, 1873

1872

- Henry B. Luce, A. B., Homesteader Eddyville

1873

- William R. Bilyeu, B. S., Attorney-at-
Law Albany
Mary Goodell, M. S., (Mrs.———)
Burt) Yoncalla
Sarah I. Lyman, M. S., 289 Halsey Portland
William D. Lyman, A. M., Prof. His-
tory and Literature, Whitman Col-
lege Walla Walla, Wash.
*Levi C. Walker, Surveyor, Forest
Grove, 1909

1874

- Dora Henshaw, M. S. (Mrs. ———)
Morgan) Mohler, Wash.

*Willard H. Latourette, B. S. Baptist
 Clergyman, McMinnville, 1911
 Eugene P. McCornack, A. B., Banker Salem
 Herbert F. McCornack, A. B., M. D. Eugene
 Jacob G. Stevenson, B. S., Retired
 Farmer Eugene

1875

Hattie Martin, B. S. (Mrs. Samuel
 Vestal) Snohomish, Wash.
 S. Belle Putman, M. S. (Mrs. Levi C.
 Walker), 331 N. Eleventh Lincoln, Neb.

1876

Edward M. Atkinson, A. B., Attorney-
 at-Law Oregon City
 James T. Martin, B. S., (M. D. Univ.
 of Mich., 1883), Physician Sacramento, Cal.
 *Yei Nosea, A. M., Principal Seminary,
 Nogano, Japan, Tokio, Japan, 1895
 Kin Saito, B. S. (LL. B., Univ. of
 Mich., 1878), Chief Justice of the
 Court of Hokkaido Hakodate, Japan
 Hatstara Tamura, A. M., Prin. Female
 Seminary Kyoto, Japan
 Ella Watt, M. S. (Mrs. Henry J. Jack-
 son). Woodstock

1877

Tabitha A. Clark, M. S. (Mrs. R. G.
 Ebert) Vancouver, Wash.
 William K. Curtis, B. S., Farmer Forest Grove
 Charles W. Schaff, B. S., M. D., Physi-
 cian Lewiston, Idaho

1878

Mary A. Creswell, M. S. (Mrs. ——
 Simard) Freewater

*Mary S. Eaton, M. S., Oswego, 1882
 *Elvia H. Fearnside, M. S., Forest Grove, 1879
 Laura M. Hoxter, A. B., (Mrs. John T. Whalley), 470 Flint Portland
 DeWitt C. Latoruette, A. M., Attorney-at-Law Oregon City
 *Horace S. Lyman, A. M., Superintendent of Schools, Clatsop County, Astoria, 1905
 Mary F. Lyman, M. S. (Mrs. Newton McCoy), 654 Hancock Portland
 Ella Scott, A. M., (Mrs. DeWitt C. Latourette) Oregon City
 Milton W. Smith, A. M., Attorney-at-Law, Selling Bldg. Portland

1879

William N. Barrett, B. S., Attorney-at-Law Hillsboro
 Frank M. Beckwith, B. S., Farmer Mayview, Wash.

1880

Newton McCoy, A. B., Attorney-at-Law, 715 Oregonian Bldg. Portland

1881

*George W. Coplen, A. B., Latah, Wash., 1898
 J. Alfred Watt, A. B., (M. D., Univ. of Mich.), Physician Hood River
 John T. Whalley, A. M., Attorney-at-Law, 615 McKay Bldg. Portland

1882

Mitchell Gilliam, A. B., Attorney-at-Law, Judge of Superior Court Seattle, Wash.
 Mary V. Keene, M. S., Teacher Public School Albert
 Barnett Y. Roe, A. B., Farmer Gaston

1883

1884

Joseph Beek, A. B., with Povey Bros.
Glass Co., Fifth and Flanders Portland

1885

Marion C. Adams, A. M., Merchant Stites, Idaho
Margaret J. Macrum, M. S. (Mrs. W.
H. Byrd) Salem
Silas M. Shipley, B. S.(LL. B., Univ.
of Oregon), 1888, Attorney-at-
Law Seattle, Wash.

1886

*Laura Marsh, M. S. (Mrs. E. P. Cadwell), Forest Grove, 1901

James R. Marsh, A. M., Farmer Aurora
J. Wheelock Marsh, A. B., 195, 13th Portland

1887

Callie Campbell, M. S. (Mrs. R. K.
Montgomery) Sheridan
J. C. Clark, B. S., Physician Santa Cruz, Cal.
Ethel Gray, M. S. (M. D., Univ. of
Oregon, 1899), Physician, 400
13th Portland
*Mary Gray, M. S., Portland, 1890
William D. Wood, A. B. (M. D., Univ.
of Mich., 1890), Physician Hillsboro
Nellie Woods Adams, M. S., 415 Eu-
gene Street Portland

1888

Fred N. Hallett, B. S., Merchant Lewiston, Idaho
 Frank Hinman, B. S., Farmer Forest Grove
 William P. Marsh, B. S. (A. B., Univ.
 of Vermont, 1895), with Mason
 and Hamlin, 492 Boylston Street Boston, Mass.
 *Estella S. Porter, A. B., Forest
 Grove, 1889
 John U. Smith, B. S. (LL. B., Univ.
 of Oregon, 1890), Farmer Newberg

1889

Mattie E. Koontz, B. S. (Mrs. John
 U. Smith) Newberg
 *Sidney E. Marsh, A. B., Journalist
 Port Townsend, Wash., 1890
 Clay McNamer, B. S., Attorney-at-
 Law Lewiston, Idaho

1890

Alexander C. Alexander, B. S., Real
 Estate Agent, 647 E. Second Tucson, Ariz.
 Lafayette L. Bush, B. S., Merchant Bay Center, Wash.
 Mary E. Lee, M. S., Teacher Public
 Schools, 824 North G. Tacoma, Wash.
 William S. Macrum, A. B. (LL. B.,
 Univ. of Oregon, 1897), Teller
 Merchants' National Bank Portland
 Gustaf W. Nelson, A. B. (Pac. Theol.
 Sem. 1893), Cong. Clergyman St. Johns

1891

William A. Bates, B. S., Bookkeeper Corvallis
 Margaret Hinman, B. L. Forest Grove
 John S. Hodgin, B. S., Attorney-at-
 Law LaGrande
 John A. Lee, A. B. (LL. B., George
 Washington Univ.), Attorney-at-
 Law, 823 Spalding Bldg. Portland

Mary E. Patton, A. B. (Mrs. A. B.
Snider) 1231 San Bruno Ave., San Francisco, Calif.
Asa B. Snider, A. B. (Pac. Theol,
Sem., 1895), Cong. Clergyman,
Bethlehem Church San Francisco, Calif.

1892

William A. Bond, B. S., Teacher Pub-	
lic Schools	Chehalis, Wash.
Jesse R. Caples, B. S., Lumber Mer-	
chant, 363 Sherlock Bldg.	Portland
Ernest E. Merges, B. L., Pres. Ore-	
gon & Washington Realty Co.,	
1011 Yeon Bldg.	Portland
Edward L. Naylor, B. L., Breeder of	
Angora Goats	Forest Grove
Pem Patton, B. S., Farmer	Gaston

1893

E. Austin Bond, A. B., Teacher of	
Mathematics, Normal School	Bellingham, Wash.
Nancy B. Morrison, B. L. (Mrs.	
Dwight H. Thomas), 348 E. 6th	
N.	Portland
Horace D. Stewart, A. B., Stockman	Dayville
Loring V. Stewart, A. B. (M. L. and	
LL. B., Yale), Stockman	Dayville
*Dwight H. Thomas, B. S., Portland,	
1907	
Edith L. Tongue, B. L. (Mrs. A. E.	
Reames)	Jacksonville

1894

Thomas H. Adams, A. M., Pres. Van-	
couver National Bank	Vancouver, Wash.
Austin Craig, M. A., U. S. Dept. of	
Education, Manila	Manila, P. I.
Fred R. Smith, A. B., Merchant	Sheridan, Wyo.

1895

*Florence McKercher, A. B., Portland,
1898

William S. Shiach, A. B., Attorney-at-Law
Colfax, Wash.

1896

*Ruel M. Bisbee, B. S., Forest Grove,
1907

Ida M. Eells, A. B., Supervisor of
Domestic Arts, Public Schools, 3
N. Benton Ave., Helena, Mont.

M. Catherine Lansing, A. B. (Mrs.
James R. Robertson) Berea, Ky.

John W. Macrum, B. S., Civil Engineer
Spokane, Wash.

Emma E. Stewart, A. B. (Mrs.
Charles E. Bradley) Mishawaka, Ind.

Edmund Burke Tongue, A. M., Pacific University, District Attorney
Hillsboro

1897

Philip E. Bauer, B. S. (Chicago
Theol. Sem.), Parole officer and
Chaplain the Penitentiary Salem

Charles E. Bradley, M. S., Chemist
Rubber Regenerating Co. Mishawaka, Ind.

Harvey H. Hartley, A. M. (M. D.,
Univ. of Oregon, 1900), Physician Goldendale, Wash.

1898

Homer C. Atwell, A. B., Fruit Inspector, Washington County Forest Grove

Lorena Gleason, B. L. (Mrs. N. R.
Norris) Goldendale, Wash.

Joseph E. Kirkwood, A. B. (Ph. D.,
Columbia Univ.), Prof. Botany
and Forestry, Univ. of Montana Missoula, Mont.

Frederick L. Marsh, A. B. (D. D. S.,
 North Pacific Dental College),
 Dentist Woodburn
 John X. Miller, A. M. (Andover
 Theol. Sem.), Missionary A. B.
 C. F. M. Pasumalai, India

1899

Liberta Brown, A. B. (A. M., Colum-
 bia Univ., 1903), Instructor in
 Latin, High School Lead, S. D.
 Blanche L. Garrison, B. L. (Mrs.
 Philip E. Bauer) Salem
 George L. Haskell, B. S., Draftsman,
 American Bridge Co. Ambridge, Pa.
 May M. Lieser, A. B. (Mrs. Wm. T.
 Fletcher), 771 E. Davis Portland
 Lois W. Parker, A. B. (Mrs. Frank
 S. Myers), 515 Hancock Portland
 Horace M. Ramsey, A. B. (A. M.,
 Univ. of California), Vicar St.
 Stephen's Pro-Cathedral, Res. 343
 13th Portland
 Beulah Warner, A. B., Medford
 Tacy Wilkinson, B. L. (Mrs. H. H.
 Atkinson), Matron Annie Tracy
 Riggs Hospital Harpoot, Turkey

1900

Vincent E. Boardman, B. L., Princi-
 pal High School Bisbee, Ariz.
 William T. Fletcher, B. S., Prin.
 Couch School Portland
 Lynn Lancefield, B. L., Bookkeeper,
 First National Bank McMinnville
 Jessie Lancefield, A. B. (Mrs. Hiram
 E. Wilson), Middletown, Conn.
 Winifred Marsh (B. L. Smith College,
 1903), Mrs. Theodore Whittelsey
 216 E. Third Mishawaka, Ind.

Ella S. Mason, B. L., Teacher of English, Washington High School,
409 Salmon Portland

Alfred D. Schoch, B. S. (Ph. D., Cornell University) Teacher Tegucigalpa,
Honduras. C. A.

James W. Shiach, A. B., Teacher Seattle, Wash.

Thomas H. Tongue, Jr., B. L. (LL.
B., Columbia, Univ., 1903), Deputy District Attorney Hillsboro

Jeremiah Walker, B. L., Pres. Walker Bros.' Lumber Co. Hoquiam, Wash.

Fred Ward Llewellyn, A. M., Pacific University, 1911 Adjutant General,
Seattle, Wash.

1901

Archibald A. Atkinson, A. M. (M. D., Cooper Medical College, 1905), Physician Dorris, Cal.

Lora F. Butler, B. L. (Mrs. L. F.
Conn) Lakeview

Rose J. Long, B. L. (Mrs. Walter
Wood) Helena, Mont.

Gertrude E. Marsh, B. L. (Mrs. William A. Hall) Clatskanie

Alfred M. North, B. S., Instructor in History, High School Riverside, Cal.

Fern F. Stout, A. B. (Mrs. James P.
Graham), 292 E. 34th Portland

Mildred M. Tibbals, A. B. (A. M., Wellesley College, 1905), Instructor in English, Knox College, 284 N. Academy Galesburg, Ill.

Elda R. Walker, A. M. (Ph. D., Univ.
of Nebr., 1907), Assistant Prof.
of Botany, Univ. of Nebr. Lincoln, Nebr.

Leva B. Walker, A. B. (A. M., Univ.
of Nebr., 1908), Instructor in Plant Pathology, Univ. of Nebr. Lincoln, Nebr.

1902

Walter A. Dimick, B. S., Attorney-at-Law	Oregon City
Richard W. Faulkner, B. S., Traveling Agent, Kerr Glass Mfg. Co.	Roseburg
Vesta M. Lewis, A. B. (Mrs. Victor E. Emmel), 4051 Botanical Ave.	St. Louis, Mo.
Abel Meresse, B. S., Editor of The Enterprise	Vale
*Harold B. Millis, B. S., Graduate Student, University of California;	
Marshfield, 1910	
Harriet E. Schoefield, B. L. (Mrs Arthur E. Yoder)	Cornelius
Arthur E. Yoder, B. S., Instructor in Biology, Washington High School,	
Portland	Res.Cornelius

1903

Mary Bailey, B. L. (Mrs. William D. Clarke), 440 E. 21st	Portland
Fred Day, A. B., Chief Claims Adjuster, Southern Pacific R. R. Wells-Fargo Bldg.	Portland
Victor E. Emmel, M. S. (Ph. D., Brown Univ., 1906), Assistant Professor in Anatomy, Washington University Medical School	St. Louis, Mo.
William G. Hale, B. S. (LL. B., Harvard Univ., 1906), Attorney-at-Law, 1517 Yeon Building	Portland
William G. Hare, B. L. (LL. B., Univ. of Mich., 1906), Attorney-at-Law	Hillsboro
Frederick E. Vrooman, B. S., Teller Equitable Savings & Loan Association	Portland

1904

Mabel E. Hoge, B. L., Librarian, Portland Public Library	Portland
--	----------

Thomas Robinson, A. M. (Princeton
Theol. Sem.), Presbyterian Clergy-
man Fairview
Harriet J. Yoder, B. L. (Mrs. Mac-
donald T. Potts), care Evening
Journal Portland

1905

William A. Hall, A. B., Druggist Clatskanie
Melvin W. Markham, A. B., Student
N. Pac. Dental College Portland
R. Frank Peters, A. B. (LL. B. Univ.
of Oregon, 1910), Attorney-at-Law
Chamber of Commerce Bldg., Portland
Lottie S. Peters, A. B., 1348 E. 8th Portland
J. Watson Philbrook, A. B., Prin.
High School, Cagayan, Misamis
Prov. Mindanao, P. I.
William B. Shively, A. B., Attorney-
at-Law, 303 Corbett Bldg. Portland
Horace E. Thomas, A. B., Assistant
City Editor, The Oregonian Portland
Ethel G. Waters, A. B. (Graduate,
Chicago Missionary Training In-
stitute, 1909) Hillsboro

1906

Daniel D. Bump, A. B., Student Univ.
of Oregon Law School Forest Grove
Livia E. Ferrin, A. B., Instructor in
Mathematics, High School Salem
Chester K. Fletcher, A. B., Prin. Cen-
tennial High School Pueblo, Colo.
Clara I. Irvin, A. B. (Mrs. A. A. At-
kinson) Doris, Cal.
Arthur J. Prideaux, A. B., Prin.
Woodstock Public School Portland
William B. Rasmussen, A. B., Freight
Solicitor N. P. R. R., 107 Yesler
Way Seattle, Wash.

Frances T. Sorenson, A. B. (Mrs. Arthur J. Prideaux), 346 E. 52d Portland
 Willard H. Wirtz, A. B. (LL. B., Willamette Univ., 1910), Deputy Dist.
 Attorney Prineville

1907

Sarah P. Boldrick, A. B., Instructor
 High School Hillsboro
 Wilma P. Chandler, A. B., Clerk to
 Women's Auxiliary Police Dept.,
 Y. W. C. A. Bldg. Portland
 Caroline E. Fitch, A. B. (Mrs. Cecil
 W. Tolson), Seghers
 Howard H. Markel, A. B., (M.D.
 Medical School, Univ. of California,
 1911), Resident Physician
 Univ. of California Hospital San Francisco, Calif.
 Ethel B. Moseley, A. B. (Mrs. William B. Rasmussen), 1107 15th
 Ave. Seattle, Wash.
 John W. Peters, A. B., Surveyor,
 with Elliott & Scoggin. McKay
 Bldg. Portland

1908

D. Irwin Aller, A. B., Medical School,
 Univ. of California, Buena Vista
 Sanitarium, Buena Vista Ave., Berkeley, Calif.
 Herbert H. Arnston, A. B., Instructor,
 Latin and Greek, 1503 Franklin
 Ave. Houston, Texas
 Frances B. Clapp, A. B., Pupil in
 Piano with Jonas, Pension
 Schade, Augsburger, Str. 72 Berlin, W., Germany
 Gordon A. Clapp, A. B., Laboratory
 Assistant in Chemistry, Oberlin
 College, Oberlin, Ohio
 Wilhelmina Heidel, B. A. (Graduate
 Curry School of Expression,
 1910), Teacher Public School, Hillsboro

Robert A. Imlay, A. B. (LL. B. Univ.
of Oregon, 1910), Attorney-at-
Law, Yeon Building, Portland
Samuel B. Lawrence, A. B. (LL. B.,
Univ. of Wash., 1910), Attorney-
at-Law, 400 Chamber of Com-
merce Building, Portland
Claude D. Mason, A. B., State Chem-
ist, Boise, Idaho
Esther Silverman, A. B. (A. M. Rad-
cliffe College, 1910), Instructor
in English, High School, Marshfield

1909

Ernest Bratzel, A. B., Evangelical Lu-
theran Clergyman, 617 N. 7th Brainerd, Minn.
Helen W. Chandler, A. B., Teacher
Public School, Washougal, Wash.
Jonathan U. Hilts, Teacher Harrison
School, Roy
Martha F. Holmes, A. B., Instructor
in English, Tualatin Academy, Forest Grove
Harry P. Humphreys, A. B. Survey-
or, Hillsboro
Reginald R. Robinson, Instructor, U.
S. Experiment Station, Oregon
Agricultural College, Corvallis
James R. Ward, A. B., Instructor in
History, High School, Sprague, Wash.
Virgil Waterman, A. B., Homestead-
er, Welches
Hermon E. Witham, A. B., Traveling
Agent National Union Fire In-
surance Co., Board of Trade Build-
ing, Portland

1910

G. Gordon Brown, A. B., Student in
Agriculture, Oregon Agricultural
College, Corvallis

Haskell E. Ferrin, A. B., Assistant
 Cashier, Forest Grove National
 Bank, Forest Grove
 William E. Gwynn, A. B. Office of
 O. Middlekauff, Toledo
 Jessie M. Hoge, A. B., Instructor
 High School, Camas, Wash.
 C. Franklin Koch, A. B. Student
 Univ. of Oregon Law School, 303
 Corbett Building, Portland
 Loretta B. Murphy, A. B. Instructor
 in Latin and Greek, High School, Hartline, Wash.
 Alexander C. Robinson, A. B., Instructor in Chemistry, High
 School, Wilbur, Wash.
 Ethella S. Stearns (Mrs. Stanley C.
 E. Smith), 391 Mill Portland
 Amy G. Thomas, A. B., Teacher Public School, Forest Grove
 Hazel J. Loynes, A. M., Instructor
 High School, Fessenden, N. D.
 Wickliffe R. Smith, A. M., Editor
 Potlatch Star, Cameron, Idaho

1911

Ralph Lee Abraham, A. B., Divinity
 Student, Oberlin College Oberlin, Ohio
 Dora Esther Baker, A. B., Instructor
 High School, Hillsboro
 Helen Bollinger, A. B., Teacher Public School, Skamokawa, Wash.
 Maud Hollinger, A. B., with the J.
 K. Gill Co. Portland
 Willis E. Jensen, A. B., Surveyor
 with United Railway Co. North Plains
 Frederic S. Knight, A. B., Teacher
 Public School, R. F. D. Goldendale, Wash.
 Augustus A. Wagner, A. B., Chemist,
 Warren Construction Co. Milwaukie
 Margaret Whealdon, A. B., The Dalles

Christine E. Wilson, A. B., Instructor
 in English, High School Goldendale, Wash.
 James O. Convill, A. M., Engineer,
 City Park Commission, 1834 E.
 Yamhill Portland

Members of the Associate Alumni are requested to report to the Catalogue Committee any changes in occupation or address.

CONSERVATORY OF MUSIC

1889.

Diploma in Vocal—
 Laura Geiger (Mrs. A. C. Bracken-
 bury) Salem

1890.

Diploma in Vocal—
 *Josephine Byrd (Mrs. D. W. Ward),
 Forest Grove, 1895
 Day Smith (Mrs. W. E. Stewart) Reno, Nev.

1891.

Dipoma in Piano—
 Zula Warren (Mrs. S. T. Linklater) Hillsboro

1892.

Diploma in Piano—
 Nellie Porter (Mrs. C. B. Campbell) Forest Grove

1904

Diploma in Piano—
 Wilma Waggener, Pupil with Jonas
 Pension Schade, Augsburger Str.
 72 Berlin, W., Germany

1906

Diploma in Piano—

Irene Cadwell (Mrs. Thomas H.
Tongue, Jr.) Hillsboro

1908.

Diploma in Piano—

Frances B. Clapp, A. B., Pupil of
Jonas, Pension Schade, Augsbur-
ger Str. 72 Berlin, W., Germany
Alice E. Sewell, Private Studio of
Painting Hillsboro

1910.

Diploma in Piano—

Alice Clement, Pupil with Jonas, Pen-
sion Schade, Augsburger Str. 72 Berlin, W., Germany
Leah Emma Lieser, Student Conser-
vatory of Music Univ. of South-
ern California Los Angeles, Calif.

1911

Diploma in Piano—

Lillian B. Elder, Teacher of Piano,
Private Pupils Forest Grove

*Deceased

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